**Therasync**

**Document 1: Definition of Done**

As Per Agile Extension to the BABOK® Guide v2, Definition of Done is a technique where the team agrees on, and prominently displays, a list of criteria which must be met before a backlog item is considered done. That is the team has to create a well-defined, unambiguous, measurable, agreed-upon, and shared Definition of Done between all team members. The best form of Definition of Done representation is a checklist of activities that has to demonstrate the agreed value and quality of a user story. So, this checklist should include:

* acceptance criteria (to satisfy User requirements for a product)
* quality criteria (to satisfy quality requirements for a product)

Definition of Done may be defined for different levels of project work. For example, in Agile/ Scrum framework these levels of work could be user story, sprint, and release.

**Checklist for DOD:**

1. Produced code for presumed functionalities
* Code implementation is completed for all specified features.
1. Assumptions of User Story met
* Business and functional assumptions are validated.
1. Project builds without errors
* No build failures in CI/CD pipelines.
1. Unit tests written and passing
* Code coverage requirements are met.
1. Project deployed on the test environment identical to production platform
* No deployment failures or rollback scenarios
1. Tests on devices/browsers listed in the project assumptions passed
* Cross-browser and cross-device testing completed.
1. Feature ok-ed by UX designer
* PO acceptance ensures business requirements are met.
1. QA performed & issues resolved
* No critical or blocking defects remain.
1. Feature is tested against acceptance criteria
* All acceptance criteria outlined in the user story are validated.
1. Feature ok-ed by Product Owner
2. Refactoring completed
* Code refactoring as per best practices.
1. Any configuration or build changes documented
* Configuration changes recorded for reference.
1. Documentation updated
* User manuals, technical docs, and API documentation are updated.
1. Peer Code Review performed
* Reviewed by at least one team member.

**Document 2- Product Vision**

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| **Scrum Project Name:** | Therasync |  |  |
| **Venue:** | Pune |  |  |
| **Date: 26/03/2025** | **Start time:** 9.00 AM | **End time:** 5.00 PM |  |
| **Client:** | Innoplexus Consulting services |  |  |
| **Stakeholder list:** | 1. Pharmaceutical Researchers
 | 4. Clinical Research Organizations |  |
|  | 1. Biomedical Scientists
 | 5. Pharmaceutical Companies |  |
|  | 1. Healthcare Professionals
 | 6. Regulatory Authorities |  |
| **Scrum Team** |
| **Scrum Master:** | Mr. Akshay Jagtap |  |  |
| **Product owner:** | Mrs. Nikita Suryawanshi |  |  |
| **Scrum Developer 1:** | Mr. Aniket Lohar |  |  |
| **Scrum Developer 2:** | Mrs. Yashashree Pawar |  |  |
| **Scrum Developer 3:** | Mr. Pratik Kashid |  |  |
| **Scrum Developer 4:** | Mrs. Shivani Shende |  |  |
| **Vision:** Therasync aims to be a make centralize platform that curates, analyzes, and synchronizes drug and target data from scientific publications, ensuring accuracy, accessibility, and efficiency in biomedical research and pharmaceutical discovery**.** |
| **Target group** **Market Segment:** Pharmaceutical and biomedical research industry.**Target Users:**1. Pharmaceutical researchers
2. Biomedical scientists
3. Healthcare professionals
4. Drug discovery teams
5. Clinical research organizations
 | **Needs****What problem does** **the product solves?** 1. Create centralized platform for drug-target data for researchers
2. This will help researchers and healthcare professionals save time, access accurate information faster, and make more informed decisions in drug discovery and medical research.

**Which benefit does it** **Provide?**1. Provides a structured and synchronized database for drug-target interactions.
2. Enhances collaboration and decision-making in pharmaceutical research.
 | **Product** **What product is it?*** A specialized platform that curates, organizes, and synchronizes drug and target data from scientific literature.

**What makes it** **desirable and** **special?**1. Design a structured process to extract, categorize, and store relevant information for easy retrieval.
2. Build a user-friendly system to collect, organize, and manage drug and target data from scientific publications.
3. Provide advanced search and filtering options to help users quickly find relevant drug-target data.
4. Real-time synchronization with new research papers.
5. Compliance with scientific data integrity standards.

**Is it feasible to** **develop the product?**Yes, The necessary technologies, tools, and expertise are available to build a centralized platform for curating and synchronizing drug-target data. The project follows Agile methodology, ensuring flexibility and iterative development. Additionally, with a well-defined budget, a skilled Scrum team, and industry-standard compliance measures, the platform can be successfully developed and scaled. | **Value** **How is the product** **going to benefit the** **company?**1. Creates revenue opportunities through subscription, licensing, and partnerships.
2. Establishes Therasync as a go-to platform for pharmaceutical and biomedical research.

**What are the** **business goals?**1. Achieve widespread adoption among researchers and pharma firms.
2. Ensure compliance with regulatory standards.
3. Maintain high-quality, reliable, and up-to-date drug-target data.

**What is the business** **Model?**Input- 1. Scientific publications and research data.2. Cloud-based infrastructure3. Subscription fees and licensing revenue.Output-1. Curated, structured drug-target data. 2. Real-time updates and synchronization.Advanced search and analytics features 3. Revenue through subscriptions, API licensing, and partnerships. |

**Document 3: User stories**

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| User Story No: 01  | Tasks: User Registration | Priority: High |
| As a UserI want to Register an accountSo that I Can find target-drug data |
| BV: 1000 | CP: 03 |
| Acceptance Criteria:1) User can click on register option2) User can enter personal information 3) User can create an account with email/phone |

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| User Story No: 02  | Tasks: Authentication | Priority: High |
| As a UserI want to Log in with credentialsSo that I can Access my account |
| BV: 1000 | CP: 03 |
| Acceptance Criteria:1) Click on Login2) Enter user name and password3) Login works with correct credentials |

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| User Story No: 03  | Tasks: UI Navigation | Priority: High |
| As a UserI want to Browse Drug and target listSo that I can Choose from various options |
| BV: 1000 | CP: 05 |
| Acceptance Criteria:1) Click on search option2) select Target and drug option from dropdown 3) Target and drug are listed based on disease condition |

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| User Story No: 04  | Tasks: Target and drug list Display | Priority: High |
| As a UserI want to View Target and drug dataSo that I Can Target and drug details |
| BV: 1000 | CP: 05 |
| Acceptance Criteria:1) click on Target and drug option2) select disease condition3) Target and drug list show Name, MOA, and Compound Structure and biological data |

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| User Story No: 05  | Tasks: Search Feature | Priority: High |
| As a UserI want to Search for Target and drugSo that I can Quickly find desired Target and drug details |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) click on Target and drug name2) display Target and drug list3) Search returns relevant results |

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| User Story No: 06  | Tasks: Filtering | Priority: Medium |
| As a UserI want to Filter by Disease condition/Disease subtypeSo that I can Find Target and drug preference as per condition |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) Click on menu2) Click on filter option (Rating High to Low, Rating Low to High, Price High to Low, Price Low to High3) Filters work properly |

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| User Story No: 07  | Tasks: Data Curation | Priority: High |
| As a Admin UserI want to Add Target and drug detailsSo that I can upload all data on Cloud |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) Choose Curation option2) Add multiple entries of Target and drugs3) Upload Target and drug data and appear on platform according to classification |

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| User Story No: 08  | Tasks: Update New Target and drug data | Priority: High |
| As a Admin UserI want to Modify Target and drug dataSo that I can upload new Target and drug data |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) If want to add new data click on new entry2) Not required Target and drug data remove from the database3) User can update all data before Logout |

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| User Story No: 09  | Tasks: Subscription Feature | Priority: Medium |
| As a UserI want to take subscription of platformSo that I can save my time in research |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) Click on subscription2) Select option show like credit card, debit card3) Choose any one of them |

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| User Story No: 10  | Tasks: Payment Integration | Priority: High |
| As a UserI want to choose payment methodSo that I can complete the purchase |
| BV: 1000 | CP: 13 |
| Acceptance Criteria:1) Select on payment option2) select options for card, UPI, COD3) click on proceed payment |

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| User Story No: 11  | Tasks: synchronize new data | Priority: High |
| As a Admin UserI want to Synchronize all dataSo that I can logout from curation part |
| BV: 1000 | CP: 13 |
| Acceptance Criteria:1. The system automatically fetches and updates newly published scientific data without manual intervention.
2. A confirmation message is displayed to the admin after successful synchronization of all data.
3. The admin user is able to log out only after verifying that the synchronization process is completed successfully.
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| User Story No: 12  | Tasks: Notifications | Priority: High |
| As a UserI want to receive New data updatesSo that I can stay informed on data progress |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) after clicking on what’s New2) screen display Newly added research data3) SMS/Push updates on New data |

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| User Story No: 13  | Tasks: Review System | Priority: Medium |
| As a UserI want to rate & review PlatformSo that I can share my experience |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) click on rating and review option2) add review and rate from 0 to 5 star3) User can leave ratings and comments |

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| User Story No: 14  | Tasks: Implement role-based access control | Priority: High |
| As an admin UserI want to manage user rolesSo that I can control data access levels |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) click on Login2) click on Login as Admin or User3) User will have different user credential and have different permissions. |

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| User Story No: 15  | Tasks: Create citation tracking feature | Priority: Medium |
| As a UserI want to track citationsSo that I can validate the reliability of data |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) Click on track citations2) select preferred data3) Users can link to corresponding studies |

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| User Story No: 16  | Tasks: Subscription Cancellation | Priority: High |
| As a UserI want to cancel my SubscriptionSo that I can change plans if needed |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) Click on cancel subscription2) add reason of cancel subscription3) Cancellation works within a set time limit |

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| User Story No: 17  | Tasks: Refund Process | Priority: Medium |
| As a UserI want to request a refundSo that I can get money back if Choose incorrect option |
| BV: 500 | CP: 13 |
| Acceptance Criteria:1) Click on refund option2) Add reason of refund3) Refund initiates per policy |

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| User Story No: 18  | Tasks: Support System | Priority: High |
| As a UserI want to contact User supportSo that I can resolve data and access issues |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) Click on User service support2) add comments or click on chat and call with User care3) Chat/call support is available |

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| User Story No: 19  | Tasks: Profile Settings | Priority: Medium |
| As a UserI want to set data preferencesSo that I can avoid unwanted data |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) Click on Profile2) Click on adding instructions and notes3) Adding text like Disease condition and targets4) Preferences are saved for future study |

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| User Story No: 20  | Tasks: Develop data export functionality | Priority: Medium |
| As a UserI want to export dataSo that I can analyze it externally |
| BV: 500 | CP: 13 |
| Acceptance Criteria:1) Click Select data and reports2) Click on export data3) User can Exported data is in CSV/PDF formats |

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| User Story No: 21  | Tasks: Design intuitive dashboard | Priority: High |
| As a UserI want a dashboard with key insightsSo that quickly find relevant data |
| BV: 1000 | CP: 05 |
| Acceptance Criteria:1) click on select data2) add data in bucket list3) Dashboard displays relevant information clearly |

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| User Story No: 22  | Tasks: Data Management | Priority: High |
| As a Admin userI want to manage data as per criteriaSo that I can keep platform sorted and accurate |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) click on login2) After login click on edit data3) Data can be added/removed4) Sort data as per various criteria like disease condition, target and drug |

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| User Story No: 23  | Tasks: Pricing Updates | Priority: Medium |
| As a Admin userI want to set pricing for subscriptionSo that I can control my earnings |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) Click on login option2) Click on update information, select price and make changes accordingly 3) Price of subscription updates reflect instantly |

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| User Story No: 24  | Tasks: Export Dashboard data | Priority: High |
| As a UserI want to view pervious export dataSo that I can set my dashboard well organize and Export new data |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) Click on Dashboard2) Click on Current Export data3) Export data file appear in real-time |

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| User Story No: 25  | Tasks: Export Confirmation | Priority: Low |
| As a UserI want to mark data as exportSo that I can complete the task |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) After export data click on view2) Click on Download file in CSV/PDF3) After Downloading Export Completed success fully |

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| User Story No: 26  | Tasks: Payment Process | Priority: High |
| As a Admin UserI want to receive subscription earningsSo that I can get paid for my work |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) Click on my Subscription2) Submit total count of Subscription3) Payments are processed automatically |

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| User Story No: 27  | Tasks: User Management | Priority: High |
| As a Admin UserI want to manage user accountsSo that I can control access |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) Click on User accounts2) Check account status and activity3) Admin can activate/deactivate users |

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| User Story No: 28  | Tasks: Complaints Resolution | Priority: High |
| As a Admin UserI want to Resolve ComplaintsSo that I can Handle complaints |
| BV: 1000 | CP: 08 |
| Acceptance Criteria:1) Click on Complaints and issue option2) Select open issues option3) Admin can take action on Complaints |

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| User Story No: 29  | Tasks: Reporting System | Priority: Medium |
| As a Admin UserI want to Generate reportsSo that I can Analyze business performance |
| BV: 500 | CP: 13 |
| Acceptance Criteria:1) Click on reports of Application2) Click on generate report3) Reports provide insights on revenue, Subscription |

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| User Story No: 30  | Tasks: Verification Process | Priority: Medium |
| As a Admin UserI want to Verify Source of Data like PublicationSo that I can Ensure quality service and compliances |
| BV: 500 | CP: 08 |
| Acceptance Criteria:1) Click on verification on authorized publication2) Check given Publication is authorize or have Intellectual property3) Need approval before Taking data4) Get approval and then work on further data |

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| User Story No: 31  | Tasks: Export Multiple data | Priority: Low |
| As a UserI want to Export Multiple DataSo that I can do my work quickly |
| BV: 500 | CP: 13 |
| Acceptance Criteria:1) Select Data from Disease and target criteria and then click on add more data from other disease and target criteria2) Click on multiple Drug and target data3) Export from different Disease and target data |

**Document 4: Agile PO Experience-**

The Product Owner has a vision of the product keeping the domain/industry experience and the market need.

. Following are the responsibilities of PO in a project

* Market Analysis - Analysis of market need/demand - Availability of similar products in the market.
* Enterprise Analysis - Due diligence on the market opportunity
* Product Vision and Roadmap - Product vision keeping the need analysis in mind, Product roadmap with high-level features and timeline.
* Managing Product Features - Managing stakeholder expectations and prioritizing needs, Prioritization of the epics, stories, and features based on criticality and ROI involved. Managing Product Backlog, Prioritization of user stories, Reprioritization based on stakeholders needs and Epics planning
* Managing Overall Iteration Progress - Sprint progress review, Reprioritization of sprints and epics if needed, Sprint retrospectives with Business Analyst.

. From this project I have learned how to handle sprint meetings such as-

Sprint planning meeting

Daily scrum meeting

Sprint review meeting

Sprint retrospective meeting

Backlog refinement meeting

. Also, User stories creation and what things will be included in user stories such as-

Story no

Tasks

Priority

Acceptance criteria

BV and CP value

. In Scrum, a product owner serves as the liaison between multiple areas of an organization. This person communicates with business stakeholders and collaborates closely with Scrum teams to keep all areas of the business informed on a project's development.

. The product owner develops a vision of a product's function and operation, which in turn allows this Scrum team member to define product features and break those features into product backlog items.

**Document 5: Product and sprint backlog and product and sprint burndown charts**

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| **User story** **ID** | **User story** | **Tasks** | **Priority** | **BV** | **CP** | **Sprint** |
| 01 | As a UserI want to Register an accountSo that I Can find target-drug data | User Registration | High | 1000 | 03 | Sprint 1 |
| 02 | As a UserI want to Log in with credentialsSo that I can Access my account | Authentication | High | 1000 | 03 | Sprint 1 |
| 03 | As a UserI want to Browse Drug and target listSo that I can Choose from various options | UI Navigation | High | 1000 | 05 | Sprint 1 |
| 04 | As a UserI want to View Target and drug dataSo that I Can Target and drug details | Target and drug list Display | High | 1000 | 05 | Sprint 1 |
| 05 | As a UserI want to Search for Target and drugSo that I can Quickly find desired Target and drug details | Search Feature | High | 500 | 08 | Sprint 1 |
| 06 | As a UserI want to Filter by Disease condition/Disease subtypeSo that I can Find Target and drug preference as per condition | Filtering | Medium | 500 | 08 | Sprint 1 |
| 07 | As a Admin UserI want to Add Target and drug detailsSo that I can upload all data on Cloud | Data Curation | High | 1000 | 08 | Sprint 1 |
| 08 | As a Admin UserI want to Modify Target and drug dataSo that I can upload new Target and drug data | Update New Target and drug data | High | 1000 | 08 | Sprint 1 |
| 09 | As a UserI want to take subscription of platformSo that I can save my time in research | Subscription Feature | Medium | 500 | 08 | Sprint 1 |
| 10 | As a UserI want to choose payment methodSo that I can complete the purchase | Payment Integration | High | 1000 | 13 | Sprint 1 |
| 11 | As a Admin UserI want to Synchronize all dataSo that I can logout from curation part | synchronize new data | High | 1000 | 13 | Sprint 1 |
| 12 | As a UserI want to receive New data updatesSo that I can stay informed on data progress | Notifications | High | 1000 | 08 | Sprint 1 |
| 13 | As a UserI want to rate & review PlatformSo that I can share my experience | Review System | Medium | 500 | 08 | Sprint 1 |
| 14 | As an admin UserI want to manage user rolesSo that I can control data access levels | Implement role-based access control | High | 1000 | 08 | Sprint 1 |
| 15 | As a UserI want to track citationsSo that I can validate the reliability of data | Create citation tracking feature | Medium | 500 | 08 | Sprint 1 |
| 16 | As a UserI want to cancel my SubscriptionSo that I can change plans if needed | Subscription Cancellation | High | 1000 | 08 | Sprint 1 |
| 17 | As a UserI want to request a refundSo that I can get money back if Choose incorrect option | Refund Process | Medium | 500 | 13 | Sprint 1 |
| 18 | As a UserI want to contact User supportSo that I can resolve data and access issues | Support System | High | 1000 | 08 | Sprint 1 |
| 19 | As a UserI want to set data preferencesSo that I can avoid unwanted data | Profile Settings | Medium | 500 | 08 | Sprint 1 |
| 20 | As a UserI want to export dataSo that I can analyze it externally | Develop data export functionality | Medium | 500 | 13 | Sprint 1 |
| 21 | As a UserI want a dashboard with key insightsSo that quickly find relevant data | Design intuitive dashboard | High | 1000 | 05 | Sprint 1 |
| 22 | As a Admin userI want to manage data as per criteriaSo that I can keep platform sorted and accurate | Data Management | High | 1000 | 08 | Sprint 1 |
| 23 | As a Admin userI want to set pricing for subscriptionSo that I can control my earnings | Pricing Updates | Medium | 500 | 08 | Sprint 1 |
| 24 | As a UserI want to view pervious export dataSo that I can set my dashboard well organize and Export new data | Export Dashboard data | High | 1000 | 08 | Sprint 1 |
| 25 | As a UserI want to mark data as exportSo that I can complete the task | Export Confirmation | Low | 1000 | 08 | Sprint 1 |
| 26 | As a Admin UserI want to receive subscription earningsSo that I can get paid for my work | Payment Process | High | 1000 | 08 | Sprint 1 |
| 27 | As a Admin UserI want to manage user accountsSo that I can control access | User Management | High | 1000 | 08 | Sprint 1 |
| 28 | As a Admin UserI want to Resolve ComplaintsSo that I can Handle complaints | Complaints Resolution | High | 1000 | 08 | Sprint 1 |
| 29 | As a Admin UserI want to Generate reportsSo that I can Analyze business performance | Reporting System | Medium | 500 | 13 | Sprint 1 |
| 30 | As a Admin UserI want to Verify Source of Data like PublicationSo that I can Ensure quality service and compliances | Verification Process | Medium | 500 | 08 | Sprint 1 |
| 31 | As a UserI want to Export Multiple DataSo that I can do my work quickly | Export Multiple data | Low | 500 | 13 | Sprint 1 |

**Sprint backlog:**

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| **User story ID** | **User story** | **Tasks** | **Owner** | **Status** | **Estimated effort** |
| 01 | As a UserI want to Register an accountSo that I Can find target-drug data | User Registration | Developer 1 | Done | 03 |
| 02 | As a UserI want to Log in with credentialsSo that I can Access my account | Authentication | Developer 3 | Done | 03 |
| 03 | As a UserI want to Browse Drug and target listSo that I can Choose from various options | UI Navigation | Developer 3 | Done | 05 |
| 04 | As a UserI want to View Target and drug dataSo that I Can Target and drug details | Target and drug list Display | Developer 2 | Done | 05 |
| 05 | As a UserI want to Search for Target and drugSo that I can Quickly find desired Target and drug details | Search Feature | Developer 4 | In Progress | 08 |
| 06 | As a UserI want to Filter by Disease condition/Disease subtypeSo that I can Find Target and drug preference as per condition | Filtering | Developer 1 | Done | 08 |
| 07 | As a Admin UserI want to Add Target and drug detailsSo that I can upload all data on Cloud | Data Curation | Developer 3 | Done | 08 |
| 08 | As a Admin UserI want to Modify Target and drug dataSo that I can upload new Target and drug data | Update New Target and drug data | Developer 4 | Done | 08 |
| 09 | As a UserI want to take subscription of platformSo that I can save my time in research | Subscription Feature | Developer 2 | Done | 08 |
| 10 | As a UserI want to choose payment methodSo that I can complete the purchase | Payment Integration | Developer 1 | Done | 13 |
| 11 | As a Admin UserI want to Synchronize all dataSo that I can logout from curation part | synchronize new data | Developer 3 | Done | 13 |
| 12 | As a UserI want to receive New data updatesSo that I can stay informed on data progress | Notifications | Developer 4 | Pending | 08 |
| 13 | As a UserI want to rate & review PlatformSo that I can share my experience | Review System | Developer 2 | Done | 08 |
| 14 | As an admin UserI want to manage user rolesSo that I can control data access levels | Implement role-based access control | Developer 1 | Done | 08 |
| 15 | As a UserI want to track citationsSo that I can validate the reliability of data | Create citation tracking feature | Developer 2 | Done | 08 |
| 16 | As a UserI want to cancel my SubscriptionSo that I can change plans if needed | Subscription Cancellation | Developer 3 | Done | 08 |
| 17 | As a UserI want to request a refundSo that I can get money back if Choose incorrect option | Refund Process | Developer 4 | Done | 13 |
| 18 | As a UserI want to contact User supportSo that I can resolve data and access issues | Support System | Developer 2 | Done | 08 |
| 19 | As a UserI want to set data preferencesSo that I can avoid unwanted data | Profile Settings | Developer 1 | Done | 08 |
| 20 | As a UserI want to export dataSo that I can analyze it externally | Develop data export functionality | Developer 4 | Done | 13 |
| 21 | As a UserI want a dashboard with key insightsSo that quickly find relevant data | Design intuitive dashboard | Developer 3 | Done | 05 |
| 22 | As a Admin userI want to manage data as per criteriaSo that I can keep platform sorted and accurate | Data Management | Developer 4 | Done | 08 |
| 23 | As a Admin userI want to set pricing for subscriptionSo that I can control my earnings | Pricing Updates | Developer 1 | Done | 08 |
| 24 | As a UserI want to view pervious export dataSo that I can set my dashboard well organize and Export new data | Export Dashboard data | Developer 4 | Done | 08 |
| 25 | As a UserI want to mark data as exportSo that I can complete the task | Export Confirmation | Developer 3 | Done | 08 |
| 26 | As a Admin UserI want to receive subscription earningsSo that I can get paid for my work | Payment Process | Developer 2 | Done | 08 |
| 27 | As a Admin UserI want to manage user accountsSo that I can control access | User Management | Developer 1 | Done | 08 |
| 28 | As a Admin UserI want to Resolve ComplaintsSo that I can Handle complaints | Complaints Resolution | Developer 2 | Done | 08 |
| 29 | As a Admin UserI want to Generate reportsSo that I can Analyze business performance | Reporting System | Developer 3 | Done | 13 |
| 30 | As a Admin UserI want to Verify Source of Data like PublicationSo that I can Ensure quality service and compliance | Verification Process | Developer 1 | Done | 08 |
| 31 | As a UserI want to Export Multiple DataSo that I can do my work quickly | Export Multiple data | Developer 4 | Done | 13 |

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**Sprint Burndown chart**

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Time-sprint

sprint

**Product Burndown Chart**

**Document 6: Sprint meetings-**

**Meeting Type 1: Sprint Planning meeting**

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| **Date** | 19/03/2025 |
| **Time** | 10.00 AM to 11.00 AM |
| **Location** | Pune |
| **Prepared By** | Nikita Suryawanshi |
| **Attendees** | 7 PeopleScrum Master: Mr. Akshay JagtapProduct owner: Mrs. Nikita SuryawanshiScrum Developer 1: Mr. Aniket LoharScrum Developer 2: Mrs. Yashashree PawarScrum Developer 3: Mr. Pratik KashidTester: Mr. Amar GaikwadUI/UX-Lead- Mrs. Pradnya Jadhav |

**Agenda Topics**

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| **Topic** | **Presenter** | **Time allotted** |
| **Sprint Goal Discussion** | Scrum Master (Mr. Akshay Jagtap) | 10 minutes |
| **Review of Product Backlog** | Product Owner (Mrs. Nikita Suryawanshi) | 15 minutes |
| **Selection of User Stories** | Scrum Team | 15 minutes |
| **Task Breakdown and Estimation** | Scrum Developers (Aniket Lohar, Yashashree Pawar, Pratik Kashid) | 10 minutes |
| **Testing Strategy Discussion** | Tester (Mr. Amar Gaikwad) | 10 minutes |
| **UI/UX Considerations** | UI/UX Lead (Mrs. Pradnya Jadhav) | 10 minutes |
| **Risk Identification and Dependencies** | Scrum Team | 5 minutes |
| **Sprint Commitment and Closing** | Scrum Master (Mr. Akshay Jagtap) | 5 minutes |

**Other Information**

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| **Observers** | Dr. Dinesh Rao (Scientist) SME |
| **Resources** | Jira for backlog management, Power BI/Tableau for reporting, Zoom/MS Teams for remote collaboration. Scientific Publications- Pubmed, Pubchem, Drugbank. |
| **Special Notes** | Ensure all team members have access to Jira and the product backlog before the meeting. Any dependencies or blockers should be discussed early to avoid delays. |

**Meeting Type 2: Sprint review meeting-**

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| **Date** | 02/04/2025 |
| **Time** | 10.00 AM to 10.30 AM |
| **Location** | Pune |
| **Prepared By** | Nikita Suryawanshi |
| **Attendees** | 7 PeopleScrum Master: Mr. Akshay JagtapProduct owner: Mrs. Nikita SuryawanshiScrum Developer 1: Mr. Aniket LoharScrum Developer 2: Mrs. Yashashree PawarScrum Developer 3: Mr. Pratik KashidTester: Mr. Amar GaikwadUI/UX-Lead- Mrs. Pradnya Jadhav |

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| **Sprint status** | **Things to demo** | **Quick updates** | **What’s next** |
| Sprint successfully completed with 90% of planned user stories delivered. | New data synchronization feature | Minor bug fixes identified during testing | Address remaining backlog items in the next sprint |
| A few user stories are moved to the next sprint due to dependencies. | Enhanced search and filtering functionality | UI/UX improvements implemented | Gather feedback from stakeholders and refine requirements |
| All high-priority tasks were completed and tested. | Updated dashboard visualization | Performance optimization completed | Plan next sprint backlog and prioritize tasks |

**Meeting Type 3: Sprint retrospective meeting-**

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| **Date** | 10/06/2025 |
| **Time** | 10.00 AM to 11.00 AM |
| **Location** | Pune |
| **Prepared By** | Nikita Suryawanshi |
| **Attendees** | 7 PeopleScrum Master: Mr. Akshay JagtapProduct owner: Mrs. Nikita SuryawanshiScrum Developer 1: Mr. Aniket LoharScrum Developer 2: Mrs. Yashashree PawarScrum Developer 3: Mr. Pratik KashidTester: Mr. Amar GaikwadUI/UX-Lead- Mrs. Pradnya Jadhav |

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| **Agenda** | **What went well** | **What didn’t go** **well** | **Questions** | **Reference** |
| Review sprint progress | Most user stories were completed on time. | A few tasks were delayed due to dependencies. | How can we improve task dependencies management? | Sprint backlog & burndown chart |
| Identify strengths | Effective team collaboration and communication. | Some unclear requirements led to rework. | How can we refine requirements before sprint starts? | Product backlog & Jira reports. |
| Discuss challenges | Automated testing improved efficiency. | Unexpected change requests affected sprint scope. | How can we better handle mid-sprint changes? | Change request log |
| Plan improvements | Daily stand-ups were productive. | UI/UX review took longer than expected. | Can we streamline UI/UX approval processes? | Sprint review notes (MOM) |
| Define action items | Improve sprint planning and estimation. | Performance testing was delayed. | How can we allocate resources more effectively? | Retrospective action plan |

**Meeting Type 4: Daily Stand-up meeting-**

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| **Question** | **Name/Role** | **Week “3” (from 07-04-2025 to 12-04-2025)** |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** |
| **What did** **you do** **yesterday?** | **Developer 1** | Completed API integration for data sync | Fixed minor UI bugs | Developed search filters | Implemented pagination | Refactored code for performance | Completed unit testing for module | Sprint review preparation |
| **Developer 2** | Worked on database schema | Wrote backend services for data processing | Tested API responses | Integrated APIs with UI | Debugged API issues | Assisted in test case creation | Sprint review preparation |
| **Developer 3** | Designed UI for dashboard | Implemented frontend filters | Fixed layout responsiveness | Worked on error handling | Updated UI components | Conducted UI/UX testing | Sprint review preparation |
| **What will** **you do** **today?** | **Developer 1** | Work on bug fixes from testing | Start integration testing | Improve search performance | Resolve API latency issues | Conduct peer code review | Attend sprint review | Sprint retrospective preparation |
| **Developer 2** | Continue backend development | Optimize database queries | Debug issues from test results | Finalize API documentation | Perform load testing | Attend sprint review | Sprint retrospective preparation |
| **Developer 3** | Finalize UI enhancements | Adjust styling based on feedback | Fix navigation issues | Improve accessibility features | Conduct UI testing | Attend sprint review | Sprint retrospective preparation |
| **What (if** **any) is** **blocking** **your** **progress?** | **Developer 1** | No blockers | API response delay | Need test data for validation | Awaiting feedback from testers | No blockers | No blockers | No blockers |
| **Developer 2** | No blockers | Database sync delay | API response inconsistencies | Need additional test cases | No blockers | No blockers | No blockers |
| **Developer 3** | No blockers | UI testing feedback pending | Need revised UI assets | No blockers | No blockers | No blockers | No blockers |