**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID02527 |
| Project Name | Project – Personal Expense Tracker |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Vinodhini |
| USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High |
| Login | USN-4 | As a user, I can log into the application by entering email & password | 1 | High | Varun |
| Dashboard | USN-5 | Logging in takes the user to their dashboard | 1 | Low |
| Sprint-2 | Add | USN-6 | As a user, I can add in new expenses. | 1 | Medium | Shobana |
| Remove | USN-7 | As a user, I can remove previously added expenses. | 1 | Medium |
| View | USN-8 | As a user, I can view my expenses in the form of graphs and get insights. | 2 | High | Shyam |
| Set | USN-9 | As a user, I will set a target/limit to keep track of my expenditure. | 1 | High |

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint 3 | IBM-DB2 | USN-10 | Linking database with dashboard, | 2 | High | Shobana |
| Watson Assistant | USN-11 | Embedding Chatbot to clarify user’s queries. | 1 | Medium | Vinodhini |
| SendGrid | USN-12 | Using SendGrid to send mail to the user | 1 | Medium | Varun |
| Sprint-4 | Integration | USN-13 | Integrating frontend and backend. | 2 | High |
| Docker | USN-14 | Creating Docker image of web app. | 2 | High | Shyam |
| IBM Container Regsitry | USN-15 | Uploading docker image to IBM cloud registry. | 2 | High |
| Kubernetes | USN-16 | Creating container using docker and hosting the webapp. | 2 | High |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 5 | 2 Days | 13 Nov 2022 | 14 Nov 2022 |  |  |
| Sprint-2 | 5 | 1 Day | 14 Nov 2022 | 15 Nov 2022 |  |  |
| Sprint-3 | 4 | 1 Day | 15 Nov 2022 | 16 Nov 2022 |  |  |
| Sprint-4 | 8 | 2 Days | 17 Nov 2022 | 19 Nov 2022 |  |  |