**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID33722 |
| 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

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| --- | --- | --- | --- | --- | --- | --- |
| **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, new password and confirming the same password. | 2 | High | Priyenga P |
| Sprint-1 | Registration | USN -2 | As a user, I will receive confirmation email once I have registered for the application. | 1 | Low | Sangavi Shree B |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering email and password / Google OAuth. | 2 | High | Umamaheswari D |
| Sprint-1 | Dashboard | USN-4 | Logging in takes the user to their dashboard. | 1 | Low | Rithina B |
| Sprint-2 |  | USN-5 | As a user, I will update my salary at the start of each month. | 1 | Medium | Priyenga P |
| Sprint-2 |  | USN-6 | As a user, I will set a target/limit to keep track of my expenditure. | 1 | Medium | Sangavi Shree B |
| Sprint-2 | Workspace | USN-7 | Workplace for personal expense tracking | 1 | Medium | Umamaheswari D |
| Sprint-2 | Charts | USN-8 | Graphs to show weekly and everyday expenditure | 2 | High | Rithina B |
| Sprint-2 |  | USN-9 | As a user , I can export raw data as csv file. | 1 | Medium | Sangavi Shree B |
| Sprint-3 | IBM DB2 | USN-10 | Linking the Database with dashboard | 2 | High | Priyenga P |
| Sprint-3 |  | USN-11 | Making dashboard interactive with JS | 2 | High | Priyenga P |
| Sprint-3 | IBM Watson Assistant | USN-12 | Creating IBM Watson Assistant for chatbot service to the user | 1 | Low | Rithina B |
| Sprint-3 | BCrypt | USN-13 | Using BCrypt to store passwords securely. | 1 | Medium | Umamaheswari D |
| Sprint-3 | SendGrid | USN-14 | Using SendGrid to send mail to the user. (To alert or remind) | 1 | Medium | Sangavi Shree B |
| Sprint-4 | Integration | USN-15 | Integrating frontend and backend. | 2 | High | Priyenga P |
| Sprint-4 | Docker | USN-16 | Creating Docker image of web app. | 2 | High | Umamaheswari D |
| Sprint-4 | Cloud Registry | USN-17 | Uploading docker image to IBM cloud registry. | 2 | High | Rithina B |
| Sprint-4 | Kubernetes | USN-18 | Creating container using docker and hosting the webapp. | 2 | High | Umamaheswari D |
| Sprint-4 | Exposing Deployment | USN-19 | Exposing IP/Ports for the site. | 1 | Medium | Priyenga P |