**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 Application |
| 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 | Login Page Template | USN-1 | As a user, I can use the login page for login purpose | 1 | Low | Priyenga P |
| Sprint-1 | Sign up page Template | USN -2 | As a user, I can use the login page for login purpose | 1 | Low | Sangavi Shree B |
| Sprint-1 | Forget Password Template | USN-3 | As a user, I can use the forget password page for login purpose | 1 | Low | Umamaheswari D |
| Sprint-1 | Forget Password and verification page Template | USN-4 | As a user, I can verify the password that I have changed | 1 | Medium | Rithina B |
| Sprint-1 | Add income page Template | USN-5 | As a user, I can view my income page | 2 | High | Sangavi Shree B |
| Sprint-1 | Add expense Page Template | USN-6 | As a user, I can add my expenses in the expense page | 2 | High | Priyenga P |
| Sprint-1 | Dashboard Page Template | USN-7 | As a user, I can view the overall statistics of mu expense using dashboard page | 1 | Medium | Rithina B |
| Sprint-1 | Add Budget Limit | USN-8 | As a user, I can set the budget limit in the dashboard page | 1 | Low | Umamaheswari D |
| Sprint-2 | Database Model | USN-9 | Creating a database model by using SQL Lite | 2 | High | Rithina B |
| Sprint-2 | Setting up IBM DB2 | USN-10 | Creating and setting up the IBM DB2 Databases | 2 | High | Sangavi Shree B |
| Sprint-2 | Set up IBM DB2 in flask | USN-11 | Installing and setting up the necessary tools in the flask app | 2 | High | Priyenga P |
| Sprint-2 | Integrating IBM DB2 | USN-12 | Integrating IBM DB2 with python flask API | 2 | High | Umamaheswari D |
| Sprint-2 | Sending data in UI | USN-13 | Sending and connecting API request response data with UI | 2 | High | Priyenga P |
| Sprint-3 | IBM Watson Assistant | USN-14 | Creating IBM Watson Assistant for chat bot service to the user | 2 | Medium | Sangavi Shree B |
| Sprint-3 | Setting UP SendGrid | USN-15 | Creating SendGrid Account and Setting up the necessary libraries in the flask app | 1 | Medium | Umamaheswari D |
| Sprint-3 | Integrating SendGrid | USN-16 | By Integrating SendGrid service you can to receive E-Mails with the python flask | 1 | Medium | Rithina B |
| Sprint-3 | Integrating chantJS | USN-17 | By Integrating chantJS in the dashboard the user can overview their expense | 2 | Medium | Sangavi Shree B |
| Sprint-4 | Containerizing App | USN-18 | Containerizing the flask application into a docker container usage | 2 | Medium | Priyenga P |
| Sprint-4 | Uploading to IBM cloud registry | USN-19 | Uploading the docker container image to IBM cloud registry is useful in deployment | 2 | Medium | Rithina B |
| Sprint-4 | Deploying in kubemetes | USN-20 | Deploying the docker container image from the kubemetes | 2 | High | Umamaheswari D |