**Project Planning Phase**

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

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| Date | 31 October 2022 |
| Team ID | PNT2022TMID31805 |
| Project Name | Project – Personal Expense Tracker |
| Maximum Marks | 8 Marks |

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

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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 | Kalpanadevi J |
|  | USN -2 | As a user , I will receive confirmation email once I have registered for the application. | 1 | Low |
| Login | USN -3 | As a user , I can log into the application by entering email and password / Google OAuth. | 2 | High | Binu Angela A |
| Dashboard | USN -4 | Logging in takes the user to their dashboard. | 1 | Low |
| Sprint - 2 |  | USN -5 | As a user ,I will update my salary at the start of each month. | 1 | Medium | Dharun Ram RA |
|  | USN -6 | As a user , I will set a target/limit to keep track of my expenditure. | 1 | Medium | Binu Angela A |
| Workspace | USN -7 | Workplace for personal expense tracking | 1 | Medium | Kavya K |
| Charts | USN -8 | Graphs to show weekly and everyday expenditure | 2 | High | Kalpanadevi J |
|  | USN -9 | As a user , I can export raw data as csv file. | 1 | Medium | Binu Angela A |
|  |  |
| Sprint - 3 | IBM DB2 | USN -10 | Linking database with dashboard | 2 | High | Kavya K |
|  | USN -11 | Making dashboard interactive with JS | 2 | High | Kalpanadevi J |
| Watson Assistant | USN -12 | Embedding Chat bot to clarify user’s queries. | 1 | Low | Binu Angela A |
| BCrypt | USN -13 | Using BCrypt to store passwords securely. | 1 | Medium | Dharun Ram RA |
| SendGrid | USN -14 | Using Send Grid to send mail to the user. (To alert or remind) | 1 | Medium | Kavya K |
| Sprint - 4 | Integration | USN -15 | Integrating frontend and backend. | 2 | High | Kalpanadevi J |
| Docker | USN -16 | Creating Docker image of web app. | 2 | High | Dharun Ram RA |
| Cloud Registry | USN -17 | Uploading docker image to IBM cloud registry. | 2 | High | Kavya K |
| Kubernetes | USN -18 | Creating container using docker and hosting the web app. | 2 | High | Binu Angela A |
| Exposing Deployment | USN -19 | Exposing IP/Ports for the site. | 1 | Medium | Kavya K |