# Project Design Phase-II

**Solution Requirements (Functional & Non-functional)**

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| Date | 13 October 2022 |
| Team ID | PNT2022TMID48482 |
| Project Name | Project – PERSONAL EXPENSES TRACKER. |
| Maximum Marks | 4 Marks |

## Functional Requirements:

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration is done through email. |
| FR-2 | User Confirmation | Confirmation via Email. |
| FR-3 | User Login | By entering username and password. |
| FR-4 | Enter your expenses page. | Collects user’s expenses data with date and time included. |
| FR-5 | Expenses Report is generated. | Represent all user’s data in the form of a graphical and  easy to understand report. |
| FR-6 | Option to add categories and type of expense to the data | The app can organize expenses based on different categories. |

## Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Provides an effective and user-friendly way to keep track of all the users expenses. |
| NFR-2 | **Security** | Data is protected by giving a unique login ID and password. Also, by not sharing users’ data with third  parties. |
| NFR-3 | **Reliability** | Since the app is hosted on the web it can be accessed anytime and from anywhere on all devices if you have a device with internet connectivity. |
| NFR-4 | **Performance** | User data is stored in a very data efficient way,  which reduces load time of the application. |
| NFR-5 | **Availability** | Application is hosted on the web and should be available 24/7 for the user. |
| NFR-6 | **Scalability** | Can be scaled by increasing database size and better  UI design to suit a larger audience. |