**Project Design Phase-II**

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

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| Date | 15 October 2022 |
| Team ID | PNT2022TMID4800 |
| Project Name | University admit eligibility predictor |
| 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 | Importing Necessary modules | Numpy , pandas , sklearn , keras |
| FR-2 | Loading Dataset into the program | Loading Dataset in csv |
| FR-3 | Building the model | Declaration of the model and adding layers to the model |
| FR-4 | Training the model | Testing the model using X\_train, X\_test, y\_train, y\_test **=** train\_test\_split(X,Y, test\_size**=**0.2, random\_state**=**0) |
| FR-5 | Computing Mean Error | The mean error is good enough to say that our results are accurate |
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**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** | Is the user friendly |
| NFR-2 | **Security** | Security for login credentials |
| NFR-3 | **Reliability** | Is it possible to change source anytime |
| NFR-4 | **Performance** | Time taken to complete download the results |
| NFR-5 | **Availability** | Is the source is available at all the times |
| NFR-6 | **Scalability** | Measure of a system ability to increase or decrease in performance |