Project Design Phase-II

Solution Requirements

(Functional & Non- functional)

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| Date | 23 October 2022 |
| Team ID | IBM-Project-13852-1659533411 |
| Project Name | Project – 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 | User Registration | Registration through Form Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Details | Submit the documents   * GRE or/and TOEFL scoresheet * Curriculum Vitae (CV) * Letter of Recommendation * Statement of Purpose (SoP) |
| FR-4 | User Requirements | * Upload all essential documents to the website's appropriate location. * The system would extract all essential data based on the uploads. * Based on the information that was scraped, a list of every potential university for the candidate would be displayed. |

# 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** | * The system doesn't require any prior technical knowledge from the user, thus even a novice user can access it. * The user interface would prioritize recognition over recall. * User friendly * Pay attention to internal sources of control * It wouldn't take long for the content to load and show (30 seconds). * The fields in the site would be self- explanatory |
| NFR-2 | **Security** | * Only the authenticated user will be able to use the site's services. * The database should be backed up every hour. |

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|  |  | * In the event of any error, the system ought to be able to resume regular functioning in less than an hour. |
| NFR-3 | **Reliability** | * Due to the value of data and the potential harm that inaccurate or incomplete data could do, the system will always strive for optimum reliability. * The system will be operational every day of the   week, 24 hours a day. |
| NFR-4 | **Performance** | * The website can efficiently handle traffic by   responding to requests right away.   * A 64-kbps modem connection would take no longer than 30 seconds to see this webpage (quantitatively, the mean time) |
| NFR-5 | **Availability** | * Low data redundancy * reduced error risk, quick and effective |
| NFR-6 | **Scalability** | * A significant number of users must be able to access the system simultaneously because an academic portal is essential to the courses that use it. * The system will likely be most stressed during the admissions season. * Therefore, it must be able to handle   several users at once. |