

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

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Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / SubTask)
FR1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR2	User Confirmation	Confirmation via Email Confirmation via OTP
FR3	User Login	Login User Credentials
FR4	Search	Get University Details <small>[L][SEP]</small>
FR-5	User Details	Get User Details Enter the Marks scored <ul style="list-style-type: none"><li>HSC/Diploma score <small>[L][SEP]</small></li><li>GRE score <small>[L][SEP]</small></li><li>TOEFL score <small>[L][SEP]</small></li><li>GATE score <small>[L][SEP]</small></li><li>IELTS score <small>[L][SEP]</small></li><li>CGPA etc. <small>[L][SEP]</small></li></ul>

FR-6		Choose the tier of university they wish to apply and then get a prediction of their chances of admission to that level university based on the mapping between their requirements and the student's results. The system shall allow the user's details to be stored for the next time they return to the website. If the user chooses to take a new evaluation, the most recent inputs as well as prediction shall replace any previous data
FR-7	<b>Analysis</b>	Bring The Dataset(Entrance score Grade)
FR-8	<b>Prediction</b>	Predict The Admission Eligibility

#### Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR1	Usability	Can be used to get details of Universities list No training is required to use the website. <sup>[1]</sup> <sub>SEP</sub>  The results from the predictor should not take more than 30 seconds.
NFR2	Security	Two step verification for user's data security The system shall provide password protected access to the website to all users – students & admins both.
NFR3	Reliability	It would definitely be easier for students if they get relief from step of selecting best suited universities and colleges for application. Student eligibility for preferred university will be accurately predicted This system shall be completely operational all hours of the day unless system failure or upgradation work is to be performed. <sup>[1]</sup> <sub>SEP</sub> Relaunch after a failure shall not exceed 24 hours.

NFR4	Performance	The web app will react faster even multiple users uses, it at the same time
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Following are the non-functional requirements of the proposed solution.

NFR5	Availability	<p>Can be accessed at anytime from anywhere with feasible internet facility</p> <ul style="list-style-type: none"> <li>• Easy access of data.</li> <li>• Avoids data inconsistency.</li> <li>• It is fast, efficient and reliable.</li> <li>• Very user friendly.</li> </ul>
NFR6	Scalability	<p>This application will increase workload without <sup>USEP</sup> performance degradation. This application will predict eligibility even for the students from nook and corner with open source technology widely available, analytics tools are easier to access and are getting more affordable.</p> <p>The key lies in investing in analytics professionals that can contribute effectively to the entire process.</p> <p>Another concern is privacy and ownership for both students and teachers.</p>