



REGISTRATION DETAILS

Problem Statement : *Online Adaptive Assessment Platform*

Team Leader : *Somoshri Ghosh*

Organisation : *SSEPL Skills Pvt Ltd.*

College Code : 1-3510633695

Problem Statement ID : RA1

Category : *Software – Web App Development*

Team : *Hackgnomes*

Problem Statement Type : *Industry Personnel*



IDEA DETAILS : PROPOSED SOLUTION

We will develop a centrally controlled website that will be organizing online assessment on different fields like Reasoning, Aptitude, Technical MCQ and Coding where the difficulty level will adapt depending on the candidate's previous responses, while ensuring security and data integrity.



TECHNOLOGY STACK

• HTML
• CSS
• JavaScript

• Bootstrap
• JQuery

FRONT END



Python



Java Enterprise Edition

BACK END

MySQL Community Server

MySQL

DATABASE



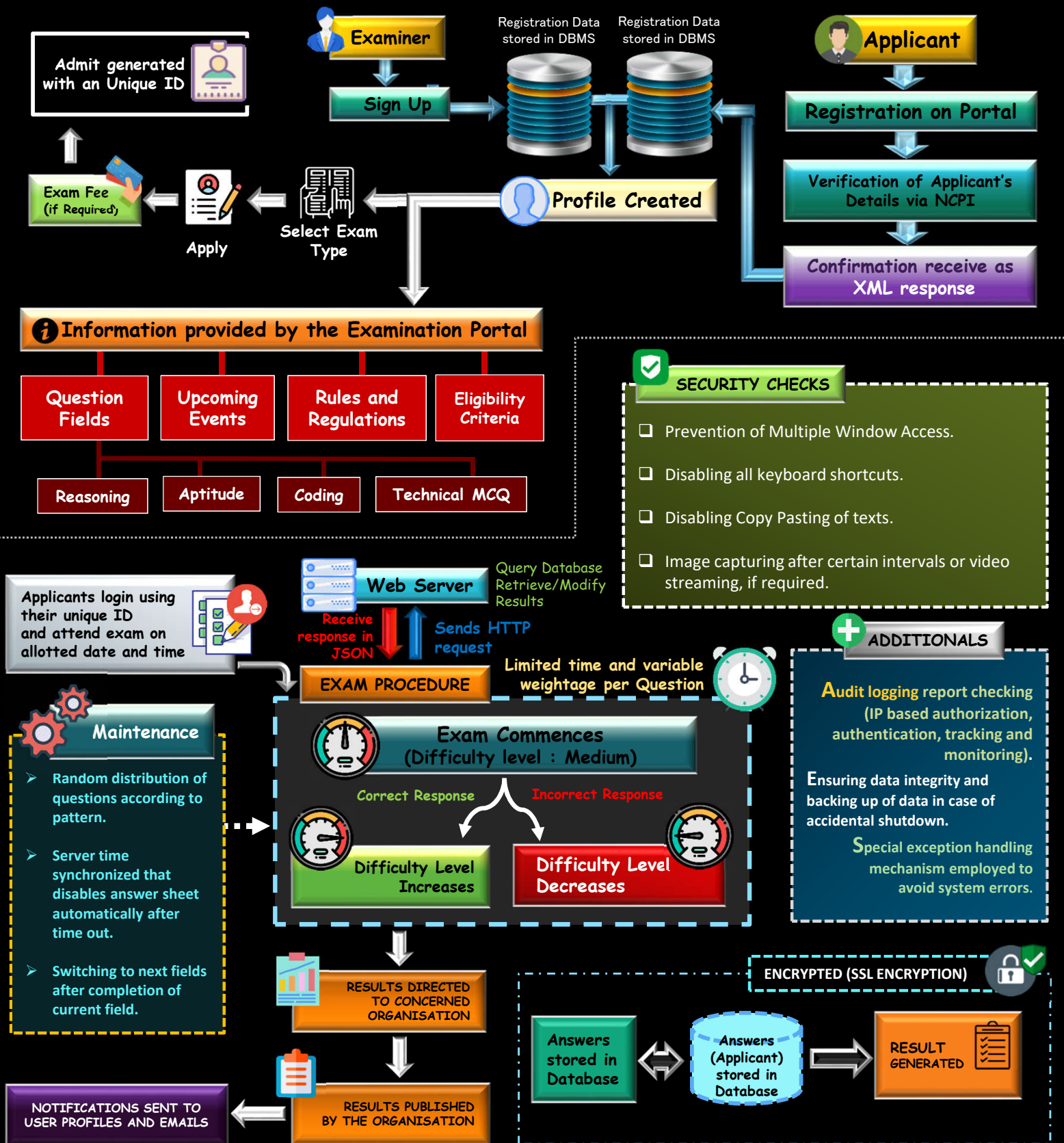
NetBeans

IDE

Apache Tomcat



SERVER



SHOW STOPPER

- Poor connectivity of internet.
- Unfamiliarity with digital interface can hinder usage and quick adoption by users.
- Wrong data inputs could affect the correctness of the required data.



FUTURE PROSPECTS

- Applying cyber security and machine learning to prevent fraudulent student participation.
- Biometric verification using face recognition techniques via machine learning.