SOLUTION REQUIREMENTS

FUNTIONAL AND NON-FUNCTIONAL REQUIREMNTS:

1)Following are the functional requirements of the proposed solution

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| **S.No** | **FUNTIONAL REQUIREMENT (Epic)** | **SUB REQUIREMENT (Story)** |
| 1) | Sign In / Login | Register with username, password |
| 2) | Profile Registration | Register with username, password, email, qualification, skills. This data will be stored in a database. |
| 3) | Job profile display | Display job profiles based on availability, location ,skills |
| 4) | Chatbot | A chat on the webpage to solve user queries and issues |
| 5) | Job registration | A copy of the company the user applied for with its registration/description details will be sent to the registered email id. |
| 6) | Logout |  |

2) Following are the non-functional requirements of the proposed solution

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| **S.No** | **NON-FUNTIONAL REQUIREMENT** | **DESCRIPTION** |
|  | Usability | The webpage will be designed in such a way that any non-technical user can easily navigate through it and complete the job registration work. (Easy and Simple design.) |
|  | Security | Using of SSL certificate (Python Flask to Cloud connect) will provide security to the project. Database will be safely stored in DB2. |
|  | Reliability | To make sure the webpage doesn’t go down due to network traffic. |
|  | Performance | Focus on loading the webpage as quickly as possible irrespective of the number of user/integrator traffic. |
|  | Availability | This webpage will be available to all users (network connectivity is necessary) at any given point of time. |
|  | Scalability | Increasing the storage space of database can increase the number of users. Add some features in future to make the webpage unique and attractive. |