

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID18359
Project Name	Skill and Job Recommender
Maximum Marks	4 Marks

INTRODUCTION:

Every solution architecture should be followed by all development team to ensure the standard of the software, so the software is scalable, changeable and reusable.

REQUIREMENTS:

This project is done using the Flask framework for backend development, and other required packages like flask-login, flask-sqlalchemy, flask-form, security packages etc..

For frontend development css, HTML, JavaScript is used along with css framework like bootstrap.

For API testing postman application is used, and for deployment IBM cloud service is used.

DESIGN:

All the requirements are used to design the software. The design and architecture of the software is done in a unique manner so the software can be reused and developed in future.

IMPLEMENTATION:

The designing process is done and implementation is done by developing the logic by coding. All the required packages are imported and for each router specific logic is developed according to the user.

DEPLOYMENT:

The flask application is finally deployed in IAAS platform like IBM cloud service, so it can be secured in HTTPS protocol along with SSL. In the deployment process a real time database is connected along with real time file storage.

ARCHITECTURE DIAGRAM:

