

Software Engineering Lab

JOB GARAGE BANGLADESH

A Freelancing Web Portal.



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Problem Definition:

In our country, there are lots of people who are seeking a job or sitting home without any work. Maybe, finding a long-run job is rare and tough enough in this covid situation. But there is also some limited time work or project-based work available. And a person or organization seeking an employee for that. But we don't have any online platform for that type of system.

We live in a modern technology-based world. And there are many platforms for many things but a local freelancing website is a much-needed demand right now.

Objective:

The main objective of the project is to change the manual way of operation of the job application to an automatic system. Also, this system will be a breakthrough for the freelancing job market in Bangladesh.

Problem Solution:

Create a user-friendly website, where anyone can post a work announcement or can find an employee for his urgent work. On the other hand, a job seeker can search for his/her desired job from home.

Problem Output & Impact on Society:

- ☐ Try to decrease the number of unemployed people.
- ☐ Try to increase the earning growth.
- ☐ Achieve efficiency and productivity
- ☐ Maintain customer satisfaction
- ☐ Create a hassle-free income source platform.

Critical Challenge:

After working and analyzing it, we realized that we are going to face a lot of challenges.

Those critical challenges can be:

Identity & Job Verification: We have to be sure who is providing a job and the job is not illegal and not fake. Also, Two-step verification is much needed.

Payment Security: We have to be careful about the payment gateway. Because everything is based on the internet.

Database Management: There will be a lot of data, so we have to create a strong database system for security and service.

How Ps are addressed through the project:

Ps	Attribute	How Ps are addressed through the project
P1	Depth of Knowledge Required	The project requires rigorous study of all the existing Job Platform also Feasibility Research (K8 -Research Literature), surveys about Jobs, Job Provider, Job Seeker, business knowledge (K3 -Engineering Fundamentals, K4 -Specialist Knowledge), System Analysis, Back-end (HTML, CSS, BOOTSTRAP, JQUERY), Front-end (PYTHON & DJANGO), and Database design(SQLITE) (K5 -Engineering Design, K6 -Engineering Practices).
P3	Depth of Analysis Required	Depth of analysis of requirements about all Job, Job Provider, and Job Seeker needed to ensure user satisfaction.
P6	Extend to stakeholders	Diverse groups, 1. Job Seeker 2. Job Provider

		Monitoring authorities need to have access to monitor if any unfair means of conduct and take necessary actions.
P7	Interdependence	Our project involves interdependent components such as feasibility analysis, requirement analysis, designing both back-end and front-end, database design, various interfaces, etc.

Project Management Time Table:

Predicted & proposed time schedule.

Weeks	First	Second	Third	Fourth	Fifth	Sixth	Seventh
Start							
Planning							
Design							
Coding							
Testing							
Delivery							
End							