

Weekly Report
On
“Job Portal For Informal Job Sector”



Prepared By

Vinod Kumar Rameshchandra Kuril
(STU62f65b8952e581660312457)

Department of Computer Engineering
Thakur College of Engineering and Technology
Mumbai University

November 202

Week 1

Problem Statement:

Finding a good domestic worker or a driver is a task. But it's also a difficult task for that good domestic worker or a driver to find a job. It has always been a problem in the unorganized sector to match the skills of blue-collar workers with available jobs. To bridge this gap, we decided to build a job portal website for an informal sector job.

Background of the Problem:

The current scenario has made it excessively difficult for people to find good domestic workers and those engaged in multiple odd jobs, mostly attributed to the informal sector. Those classified as informal sector occupations have difficulty finding jobs that match their skills. Web technologies can fill this gap by matching the work that needs to be done by the experts available locally with just a simple search. This approach also helps in negotiating money as both client and worker know the current market rate for a particular task and are paid accordingly.

User / Customer:

The end user of the website can be classified in two categories:

1. Job seeker : People who will register on the website to get a job related to their expertise.
2. Employer : Person who post jobs and required detail about jobs and view applied user for posted jobs

Week 2

Proposed Solution:

Our website (BLUECOLLARJOBS) is dedicated to the informal job sector and shall enable the job seekers of this category to become independent, in terms of employment generation and income management. Our goal is to not only bridge the extensive gap between employers and blue or grey collar job workers but to organize the unorganized sector as well.

BLUECOLLARJOBS is interactive and accessible to the enriched employers and digitally backward workers. Our current and prospective employers/job seekers will find valuable information about our features on the homepage itself. Having a web-based portal has no agenda to question the less competitive workers who barely understand Internet and its services, it is to make them comfortable with the digitalized hiring solutions. In order to lessen their difficulty, we have built a simple login and register page for potential job seekers and they shall see numerous job opportunities with/without login.

Tools Used:

- Visual Studio code
- Django Administration
- SQLITE

Technologies Used:

- HTML
- CSS
- JS
- Bootstrap
- jQuery
- Python
- Django

For Job Seekers, there are several features:

- Forever free. You'd never have to pay to find a great job.
- Registration/Sign up : Both employer and job seeker have to register in order to post a job and apply for a job respectively.
- Leverage Exclusivity – specially design job portal for informal sector.
- Simple yet useful. Our Dashboard service is to keep your applied jobs history safe.
- Easy one click applies and many more.
- API for Candidate Applications.
- Web Scraping feature to get jobs information from the web.

Example of Existing Solution:

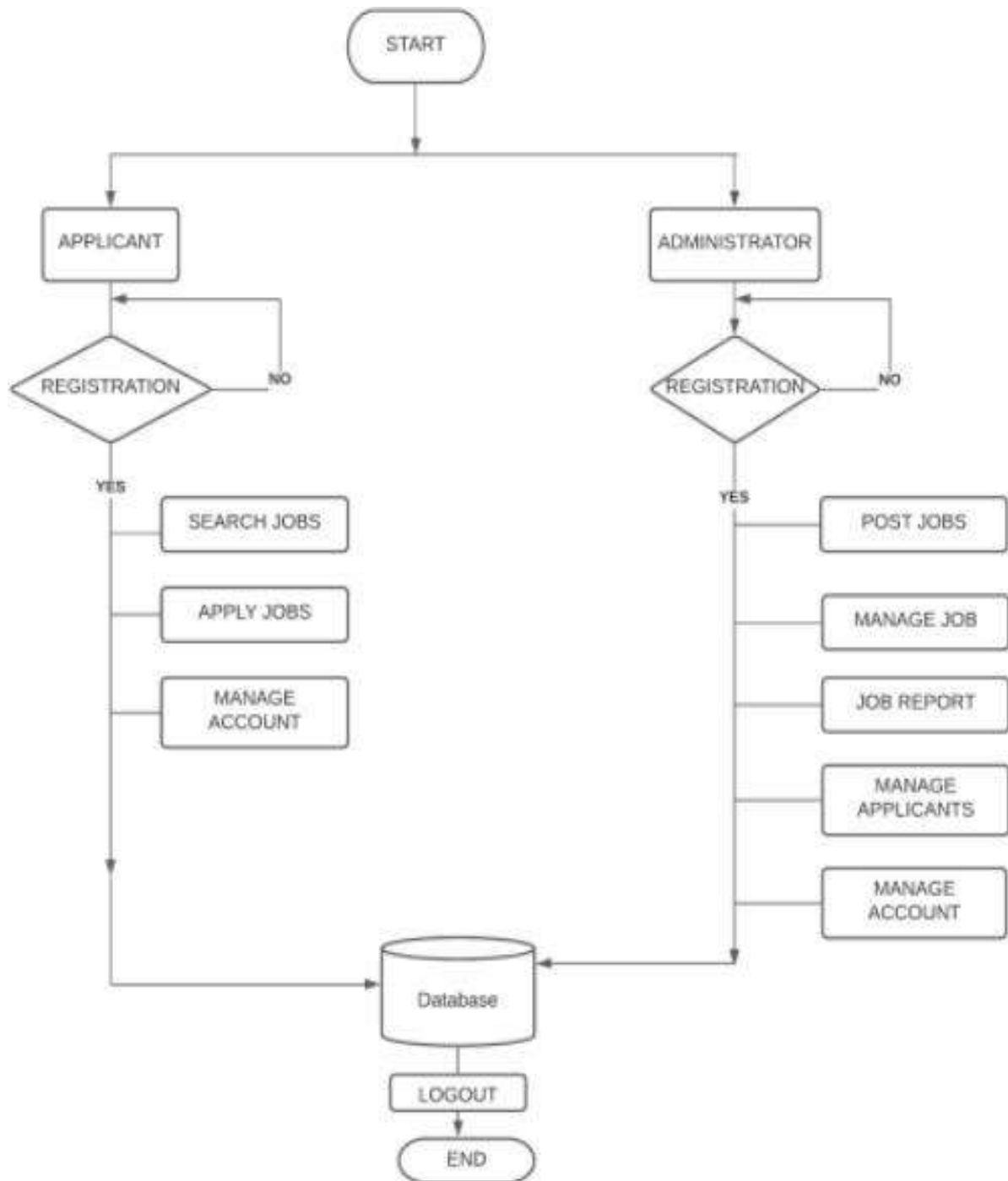
- Naukri.com (<https://www.naukri.com/>)
- Just Jobs (<https://www.just.jobs/>)
- QuikrJobs (<https://www.quikr.com/jobs>)
- Apna (<https://apnajob.in/>)

Comparison with Existing Solution:

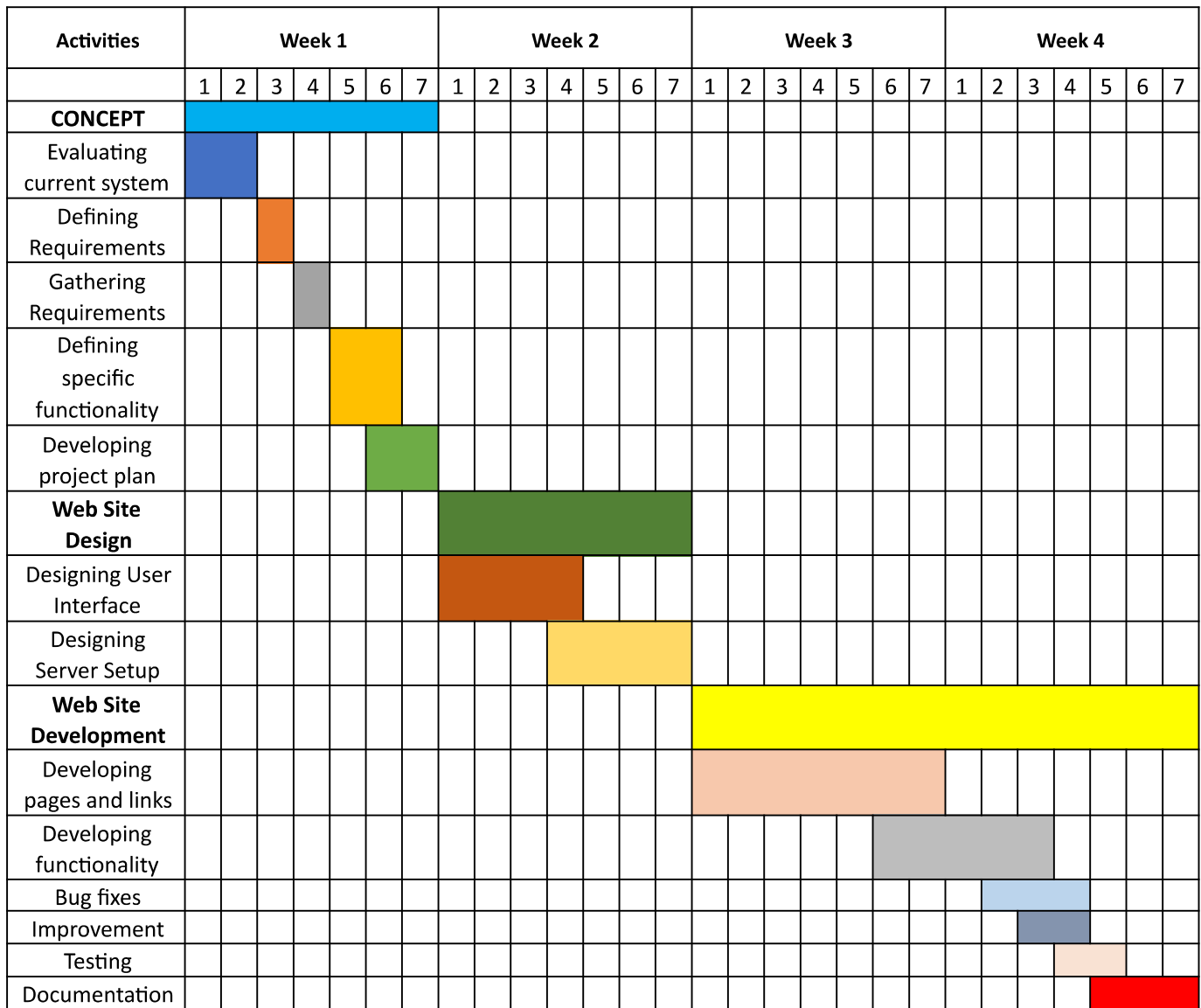
Our website	Other's website
Here Sign Up Required for viewing posted jobs is easy there is no much detail needed.	Sign Up Required for viewing posted jobs.
Easy one click applies only require few details.	For applying in other's website, it is not a one click apply they are asking for more detail.
Free Jobs website.	Some website charges fees for jobs.
Specially design job portal for both formal and informal sector.	Job portal website are mostly designed for formal job sector.
Lifetime Validity after login	Session expires in few months.
User can easily understand and navigate through the application in an efficient way.	User finds difficult to understand and to navigate through in application.

Week 3

User Flow:



Timeline Chart (Gantt Chart):





Week 4

Link for the Website (Hosted on GitHub):

<https://github.com/Vinodk-17/IBM-Full-Stack-Project-JOB-PORTAL-FOR-INFORMAL-JOB-SECTOR>