

Connect.com – Your shifts starts tomorrow.

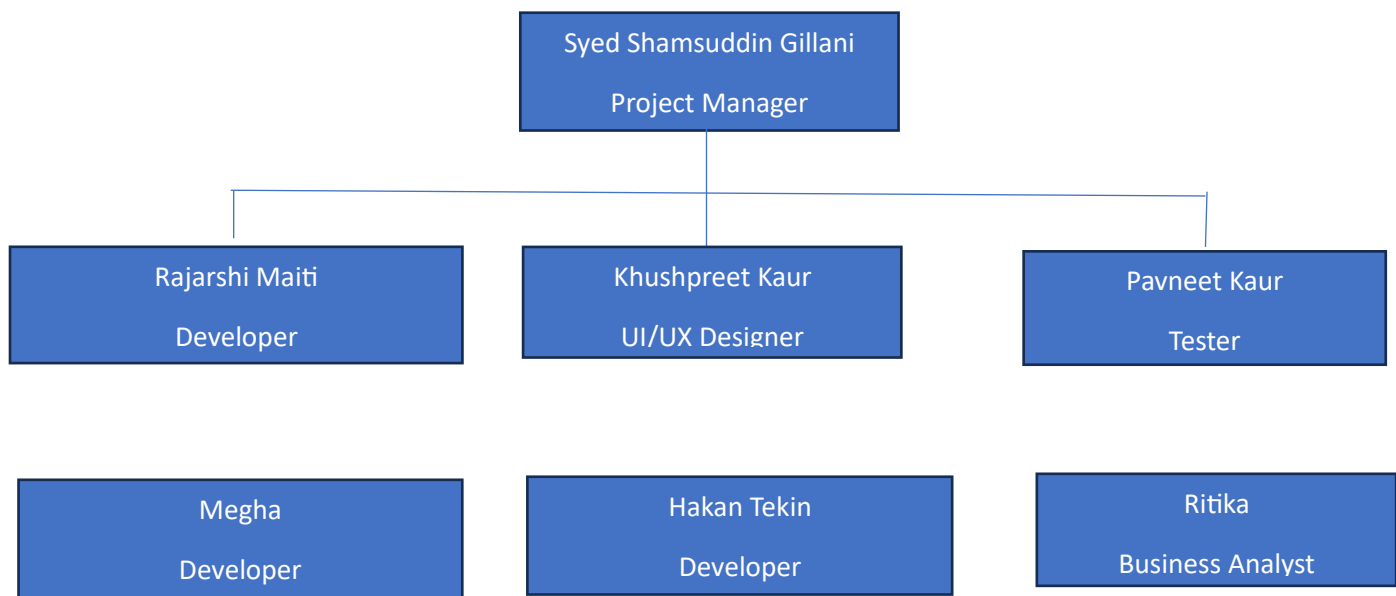
Problem Statement:

Our Project is all about helping job seekers to get job in this fast-paced world where unemployment is taking over every sector. There's huge population worldwide who are currently looking for job even the highly educated people are compelled to do labor jobs to get bread and butter. We will help these job seekers to connect with the employers so that it's easier for both parties to get valid candidate for the specific job.

Project Charter

- Project Participants
- Project Scope
- Project goal
- Project Non-Goals
- Objective
- Stakeholders
- Requirements
- Constraints
- Deliverables
- Milestones
- User stories

Project Members

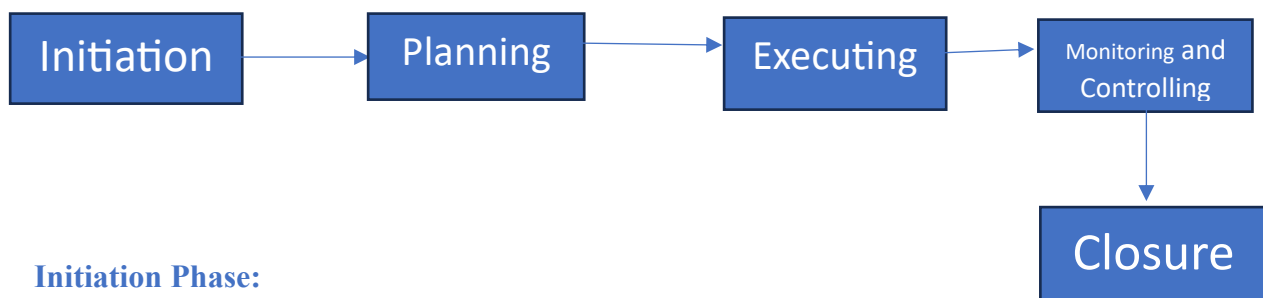


Project Assumptions:

All of the project mostly about predictions or we can say assumptions that if we work like that than we can get these results.

- We assume that with our market research and internet trends, we can connect job seekers and employers with each other.
- We will channelize our assets and resources to make a platform like a website which will be able to integrate with reliable and trust sources for job postings, ensuring that the information displayed to users is relevant and reliable.
- Another assumption is based on the website's ability to provide value to these stakeholders by connecting them with qualified candidates and offering opportunities for employer branding and talent acquisition.
- It is assumed that the job seekers will actively engage and will get to know about the new opportunities in different company. We can also help the candidates with AI bot for follow ups.
- Last assumption is that job search website will have access to accurate and up-to-date job listings and company information.

Project Life-Cycle



Initiation Phase:

The initiating phase of the project cycle consists of two separate processes: The project Charter and stakeholder register. Initiating the person will lead to set goals and objectives which will make the work easier. Project Team will have to discuss suggestions and allocate the resources for the project.

Planning Phase:

In the planning phase, Project team needs to plans what's needs to be done first? How we are going to do it? How we are going to allocate resources?

Executing Phase:

Executing phase should involve the following vital parts:

- Team development
- Stakeholder engagement

- Quality Assurance
- Communications
- Client Management

This phase leads to next step of the project where most of the project deliverables are produced.

Monitoring And Controlling Phase:

In the monitoring and controlling phase, we need to check the overall progress of our project. Designer will complete the design of the website before the completion date and Tester and developer will work on the glitches and the coding part of the project.

Closing Phase:

Closing phase is not just the closing the project. It's all about going through glitches and gaps in the project. Securing the sign-off approval from the customer, stakeholders and project sponsor.

Project Scope:

- Our project helps the job seekers find job using algorithm by aiming for particular region and helping them with right jobs.
- The algorithms suggest the right similar jobs according to the keywords and to their targeted jobs.
- Our target is to help every job seeker but due to limitation, particular regions are targeted for the time being.

Project Goal

Our goal is to provide employment to most of the job seekers and help employers to find the perfect match for the job position which is available in their company.

Project Non-Goals

Non-Goals are mostly those things which are out of scope in our project. It's hard to find out which user is genuinely looking for a job or it might be just a random user acting someone else.

Collecting all the data is also a big task.

Objectives:

- The main objective of this website is to provide employment to the job seekers helps them to connect with the employers.
- Our goal is to make 35 people to sign up everyday so that it became easy to access data and with their skill set will help them to find the perfect match for the job.
- Another main objective which will lure the job seekers towards our website is that we will provide job around 8 people every day.

Project Stakeholders

- Project stakeholder are mainly the individuals who are interested in the results of the project. They often include Project Team members, Managers, Executives, Sponsors, Clients and Users.
- Stakeholders will also be the investors who have already invested in other job platforms like Indeed, Glassdoor and would also find Connect.Com as a major investment site.

Project Requirements:

- Researching the previous platforms that what gap were there and will fill the gaps in our project.
- Creating the website.
- Building an app
- Collecting data from companies regarding the required job positions.

Project Constraints:

Project management mainly have triple constraints which are Scope, Time and Cost. We need to balance these elements in every project.

Scope:

Project scope refers to the Project magnitude in terms of quality , detail and deliverables. Time and cost are dependent on the project scope because as the project scope grows, the project will require more time and money needed to complete.

Also, we need to be aware of the scope creep throughout each phase and work hard to prevent from it. We can only prevent ourselves from a scope creep if we have a detailed project and getting stakeholders sign off on everything before it begins.

Cost:

Cost constraints include the whole budget of the project. Budget presented by the Manager is around 150k which includes:

- Project cost
- Team member salaries
- Cost of equipment used in managing website and application.

- Cost of facilities
- Repair cost of website

Time:

Time constraint is essential for the project success. According to the project manager, Project Connect is going to be complete in 6 months. When one tries to increase the project timeline, there will be consequences like extended deadline, adjustments to the team calendar.

Time elements include:

- Overall project timeline
- Hours worked on the project.
- Internal calendars.
- Number of project phases

Beside Triple constraint there are two more constraints which are also important:

Risk:

Project risks are unexpected occurrence which affect the project. While most of the project risks are negative, some can be positive. Some risks that one can face:

- Lack of clarity
- Scope creep
- High cost
- Time crunch
- Low performance

Quality:

Project quality is the measure of how well our project deliverables meet our initial expectations. Every project constraint affects project quality because quality is the ultimate result of the project. Project quality is also its own constraint because there are aspects of the project that can result in poor quality that aren't necessarily related to cost, time, resources, risk, or scope. These include:

- Lack of communication
- Poor design or development skills
- Too many project changes

Project Deliverables:

- Internal Deliverables - Internal Deliverables would be the deliverable things which would be needed while accomplishing the project.
- External Deliverables – External Deliverables would be the deliverable things which would be needed after completion of the Project.

Internal Deliverables: -

- Initial design(UX) – it refers structural design solutions for main points that users encounter anywhere along their journey with the product
- UI – it is part of initial design that refers combination of typography, color palettes, buttons, animations, and imagery.
- Project status report for the deadlines of expected start date and end date for the completion of tasks.
- Monitor scope changes, if needed a change the timeline and the communication has to be proper so that budget estimates and timelines has to be followed.
- Minimum Viable Product (MVP) - It is a very helpful product in the product development phase. By using real-time data from users, it prevents possible mistakes and provides more professional work.
- Listing out of User's expectation and requirements.

External Deliverables: -

- Estimating the money for Marketing of the product.
- Mobile APP, Website maintenance
- Final design or minor changes suggested by Stakeholders before the launch of the product.

Communication:

- Interacting with the Developers and other Team members regarding the progress of the report.
- Providing monthly updates to Stakeholders regarding the Budget, estimation for the completion.
- Interacting with early bud users just to listen to their feedback and trying to understand the requirement.

Project Methodology Followed:

- First Phase of the Project we will be following Waterfall and for the rest of the Project we will follow Agile Methodology.
- First Phase of the Project would be Milestone 1 – Milestone. (Waterfall)
- Second Phase of the Project would be Milestone 7- Milestone 16 (Agile Methodology)

User stories:

Theme	User Story		Priority	Estimate	Acceptance Criteria	Release
Theme 1	1.	Searching job according to different categories and demography, also it should allow me to select a range of salary. So I can select different preferences	2	35 days	Possibility is High for acceptance as it is solving one major issue.	
Theme 2	2.	Receive an email whenever a new job is posted that matches my experience or education level in short my preferences.	2	30 days	Acceptance rate is quite easy.	
Theme 3	3.	Employer wanting to post job in which I can add description including salary, location and other primary and secondary requirements.	1	45 days	Acceptance rate is medium	
Theme 4	4.	Employer I should have option to filter the applications that aligns in three categories as best good and fair	3	25 days	Acceptance rate is medium	

Project Milestones:

Milestones	Date
1. Collecting data from sources and deciding techniques to be followed	2023-05-15
2. Understanding user's requirement and expectations	2023-05-30
3. Finalizing technologies and approach for project	2023-06-14
4. Designing SQL database for collecting the data	2023-06-29
5. Front end design of website	2023-07-14
6. Backend infrastructure of website	2023-07-29
7. Designing SQL database for collecting more data	2023-08-13
8. Deciding a Machine Learning Algorithm	2023-08-28
9. Deploying cloud services for additional expansion of data sources	2023-09-12
10. Integrating website and mobile application	2023-09-27
11. Testing web and mobile application	2023-10-12
12. Deploying application in real world	2023-10-27
13. Analyzing application (Checking the targeted goal if it has been achieved or not)	2023-11-10
14. Rectifying errors	2023-11-25
15. Testing with User and Stakeholder and Taking feedback	2023-12-09
16. Buffer Time for analyzing and if necessary changes needed further.	2023-12-24

Cost Estimates:

The overall project budget will be 150k and anything else of value needed for the project are both cost restrictions. Cost factors that can apply include:

- Project Price, Team Member Compensation, Equipment Price, Maintenance of Website, Repair Expenses, Material Prices.

Developing Website	\$35k
Developing Mobile Application	\$20k
Salary of Employees	\$50k
Maintenance Cost of Website and App	\$10k
Advertisement Cost	\$15k
Hardware Costs	\$5k
Misc. Cost	\$15k
Total	\$150k

Prediction of Estimated Growth of the Company:

