



JOB*i*

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Project for Orange Academy

Abstract

Jobi is a site specialized in jobs, it is directed to all employers who need employees, jobs seekers and businesses owners who want to market their businesses, the site will consist of several pages and will contain a content management system as well and will be built on React.

In this site, we used the Agile methodology and took several steps (chapter 1). I identified the challenges and the solutions. drew up the project construction timeline. Then, at (chapter 2), we collected the requirements for building the site and were collected by a questionnaire and then we identified the functional and non-functional requirements. Then we use all requirements to build use case and sequence diagram, and in (chapter 3) and took Data and we have created data then founded databases and tables of data and designed Screen to the site and we started implementing the project and used the language of Javascript to build the site at (chapter 4) identified future business and the most important results that got it.

Chapter 1: Introduction

Introduction

Jobi is a site specialized in jobs, it is directed to all employers who need employees, jobs seekers and businesses owners who want to market theirs businesses.

Employers offer jobs applications, jobs seekers search for jobs, explore it and apply for it.

And businesses owners market theirs businesses as want

System Goals

The goal of building the site is to:

1. Offer jobs applications from employers
2. Able to search and explore jobs by jobs seekers
3. Businesses owners market theirs businesses

Feasibility Study

Challenges

1. Plenty of fake job offers.
2. A lot of competitive sites.

Proposed Methods

1. Facilitate to jobs seekers to find jobs easily and employers to offer jobs.
2. Get real jobs offers.
3. Market businesses from owners as want

The Method Adopted in The Design of The System

1. Object-oriented design includes two main stages, namely, system.
2. System Design: System Design: In this stage, the complete architecture of the desired system is designed. The system is conceived as a set of interacting subsystems that in turn is composed of a hierarchy of interacting objects, grouped into classes.
3. System design is done according to both the system analysis model and the proposed system architecture.

Analyze & Requirement

In the first mission I analyze and gather information to gather requirements

Chapter 2: Requirement

Analysis

Requirements analysis, also called requirements engineering, is the process of determining user expectations for a new or modified product. These features, called requirements, must be quantifiable, relevant and detailed. In software engineering, such requirements are often called functional specifications. Requirements analysis is an important aspect of project management.

Requirements analysis involves frequent communication with system users to determine specific feature expectations, resolution of conflict or ambiguity in requirements as demanded by the various users or groups of users, avoidance of feature creep and documentation of all aspects of the project development process from start to finish. Energy should be directed towards ensuring that the final system or product conforms to client needs rather than attempting to mold user expectations to fit the requirements.

User Requirement

This field of indoor and outdoor maintenance and all services with just one click with entering the problem (The main features:)

A-Front Web Site:

1. Login and register page for new users
2. Home page contain slider
3. Jobs page contain jobs and job page to view job details
4. Jobs application contain jobs applications and job application page to view job application details
5. Companies page contain companies and company page to view company details
6. Forms pages to add jobs and jobs applications

B-Back Web site:

1. Admin Dashboard to control of web site
2. Login and Register pages
3. User Dashboard to control user information and application they submit
4. Search page to search for anything

Functional requirement

1. log in / register page
2. Dashboard page to control user information

3. Home page contain slider
4. **Jobs, Jobs Applications** to show jobs and jobs applications
5. Job, Job Application to show job and job application details
6. Companies page to show companies

Non-Functional Requirement

1. External Requirement
 - The web site has Admin to check, edit and delete jobs and companies.
2. Organizational Requirement
 - a. Require any OS (such as Windows (XP, 7, 8.1, 10) Linux and Mac). Etc.
 - b. Web browser (chrome, Firefox, Opera, Explorer).
 - c. Connected to the Internet.
 - d. To Program Web pages we use the Mern-Stack React and connect it with MongoDB, Web pages CSS, Html.

System requirement

1. The web site must be compatible with pc's and mobiles devises.
 - To achieve all these functions a computer or mobile devise must be available and connected to the internet.
 - The version or model of the device does not matter, but defiantly needs at least a web browser.
2. Programming languages used
 - HTML (Hyper Text Markup Language) is the most basic building block of the Web.
 - CSS is a language that describes the style of an HTML document.
 - JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions.

Use Case Description

1. Actors:

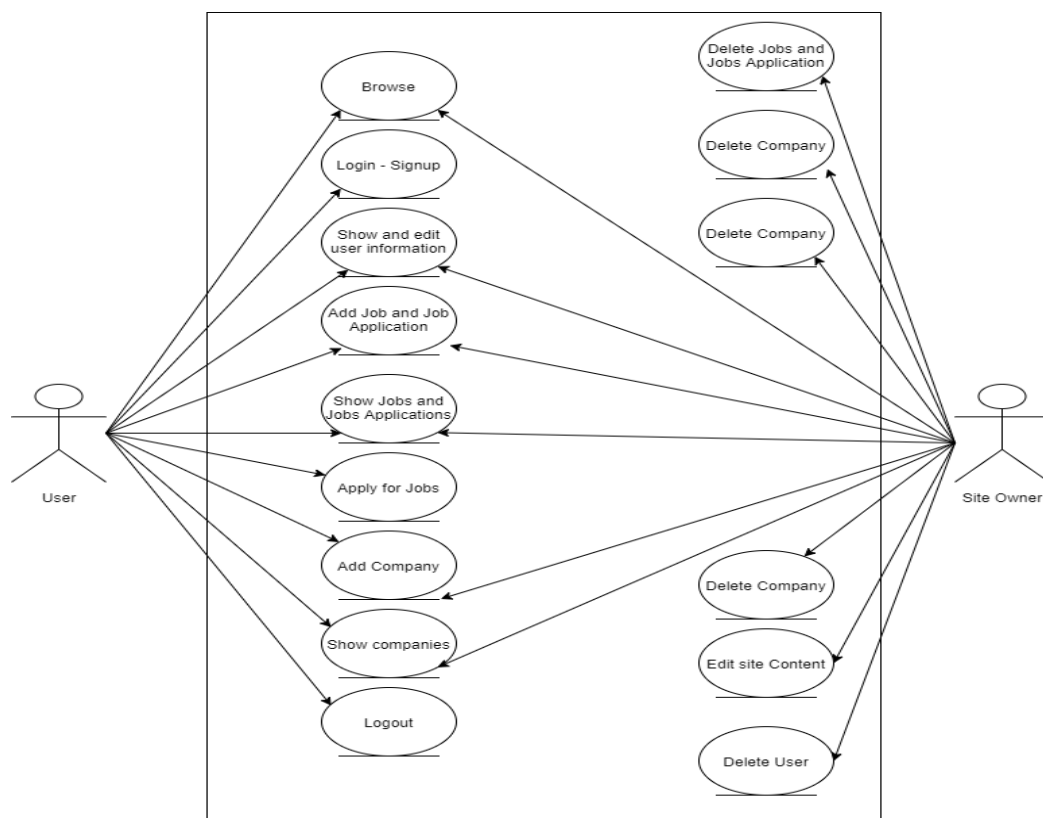
a. Human actors: Admin, Editors, Bloggers.

Use case Number	1
Use case name	Browsing
Participation actor	1. User 2. Admin
Pre-condition	Internet connection
Flow of events	1. Open web site 2. Browse the web site
Post-condition	Retrieving, presenting and traversing information resources
Quality Requirements	Speed site browsing

Use case Number	2
Use case name	Sign up for users
Participation actor	1. Users
Pre-condition	Internet connection, e-mail
Flow of events	1. open website 2. click on sign up 3. insert information 4. check information 5. send to server
Post-condition	Fill more information in user dashboard
Quality Requirements	1. If the user entered an incorrect Email or password. 2. Show error messages: sign up fails, Please try again.

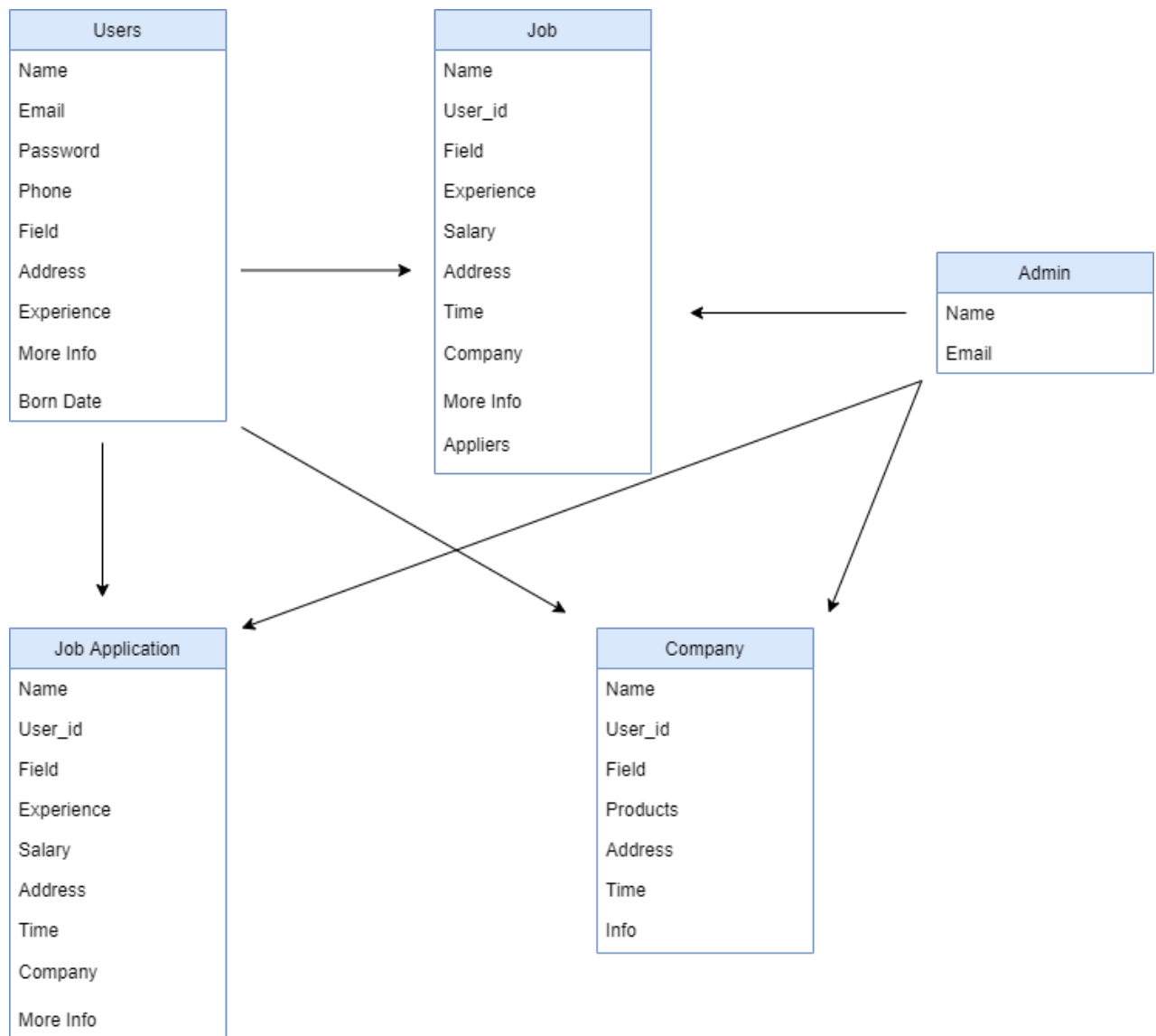
Use case Number	3
Use case name	Add Job
Participation actor	1. User as job employer
Pre-condition	Internet access and job details
Flow of events	<ol style="list-style-type: none"> 1. Go to job page 2. Click on Add Job 3. Insert all data 4. Click Add Job to submit form data
Post-condition	-----
Quality Requirements	User can apply for jobs or add jobs after signup

Use Case Diagram



Chapter 3: Design

Class diagram



Database Tables

Database: Table Users

Data Name	Type
Id	big Increments
Name	String
Password	String
Email	String
Field	String
Address	String
Experience	Number
Info	String
Born_Date	Date

Database: Table Jobs

Data Name	Type
Id	big Increments
Name	String
Field	String
Company	String
Experience	Number
Salary	Number
Time	String

Address	String
Info	String
User_id	String
Applied	String

Data Base: Table Jobs Applications

Data Name	Type
Id	big Increments
Name	String
Field	String
Experience	Number
Salary	String
Time	String
Address	String
Info	String
User_id	String

Data Base: Table Companies

Data Name	Type
Id	big Increments
Name	String
Field	String

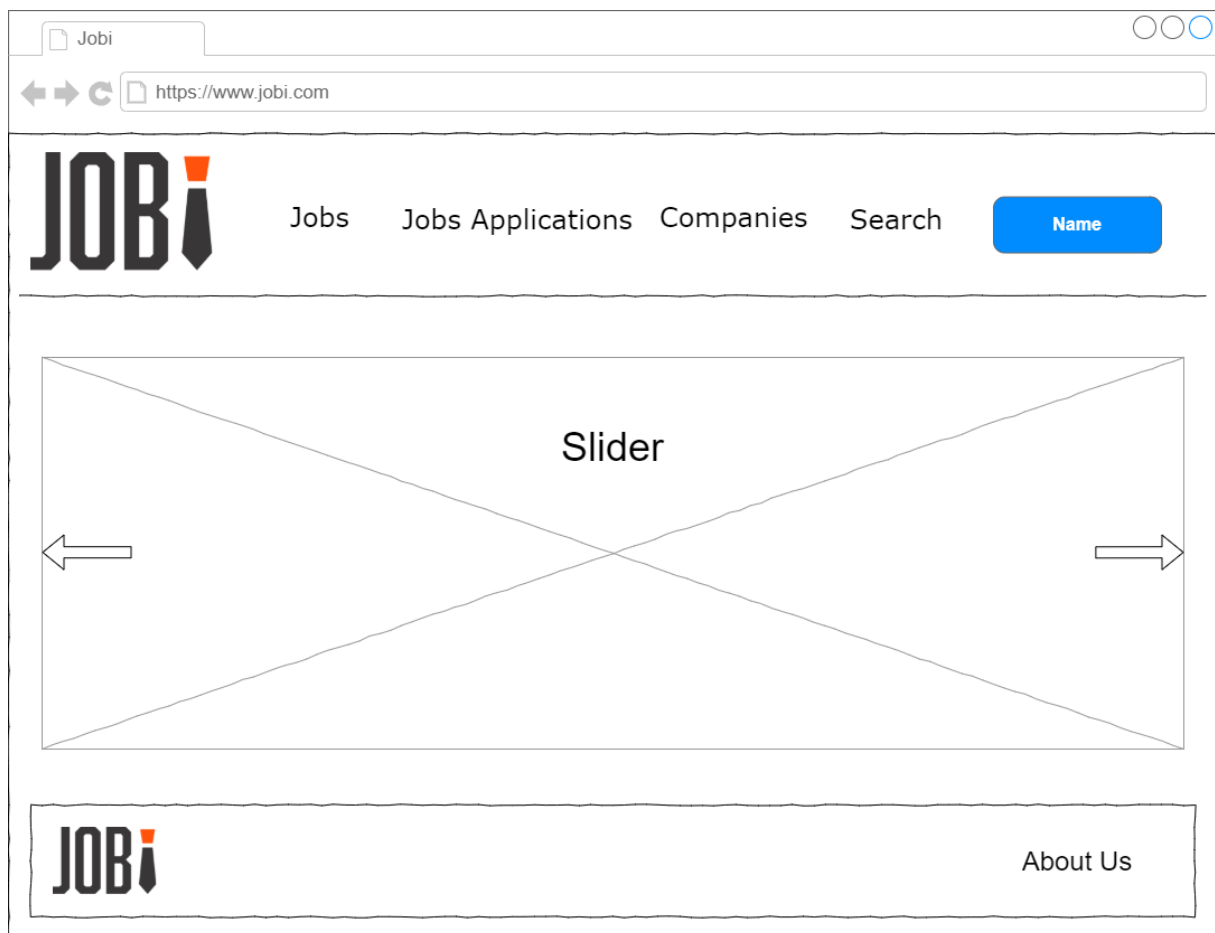
Products	Array
Address	String
Time	String
Info	String

Mock-ups

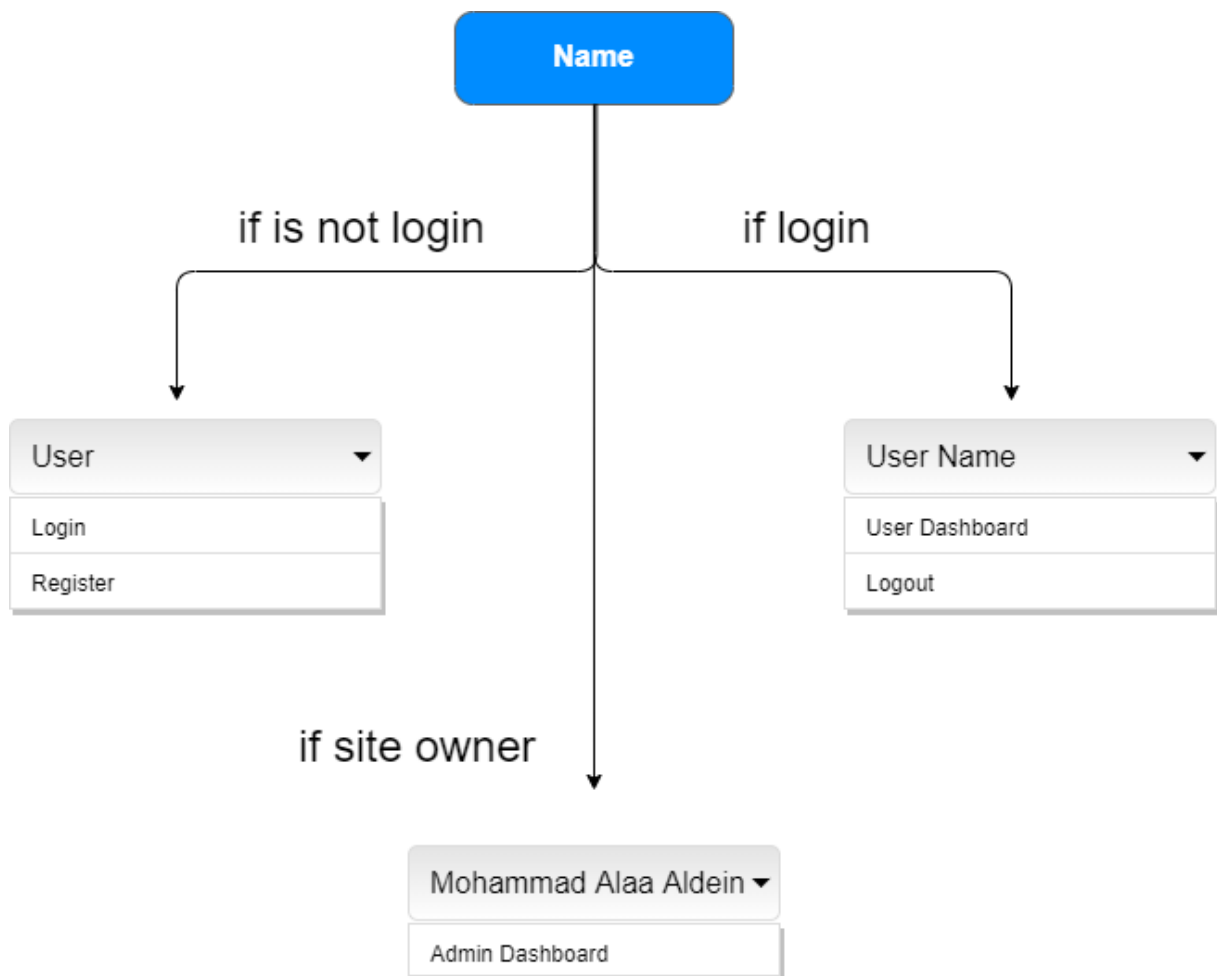
Is a design work for website design screen?

Website Mock-ups

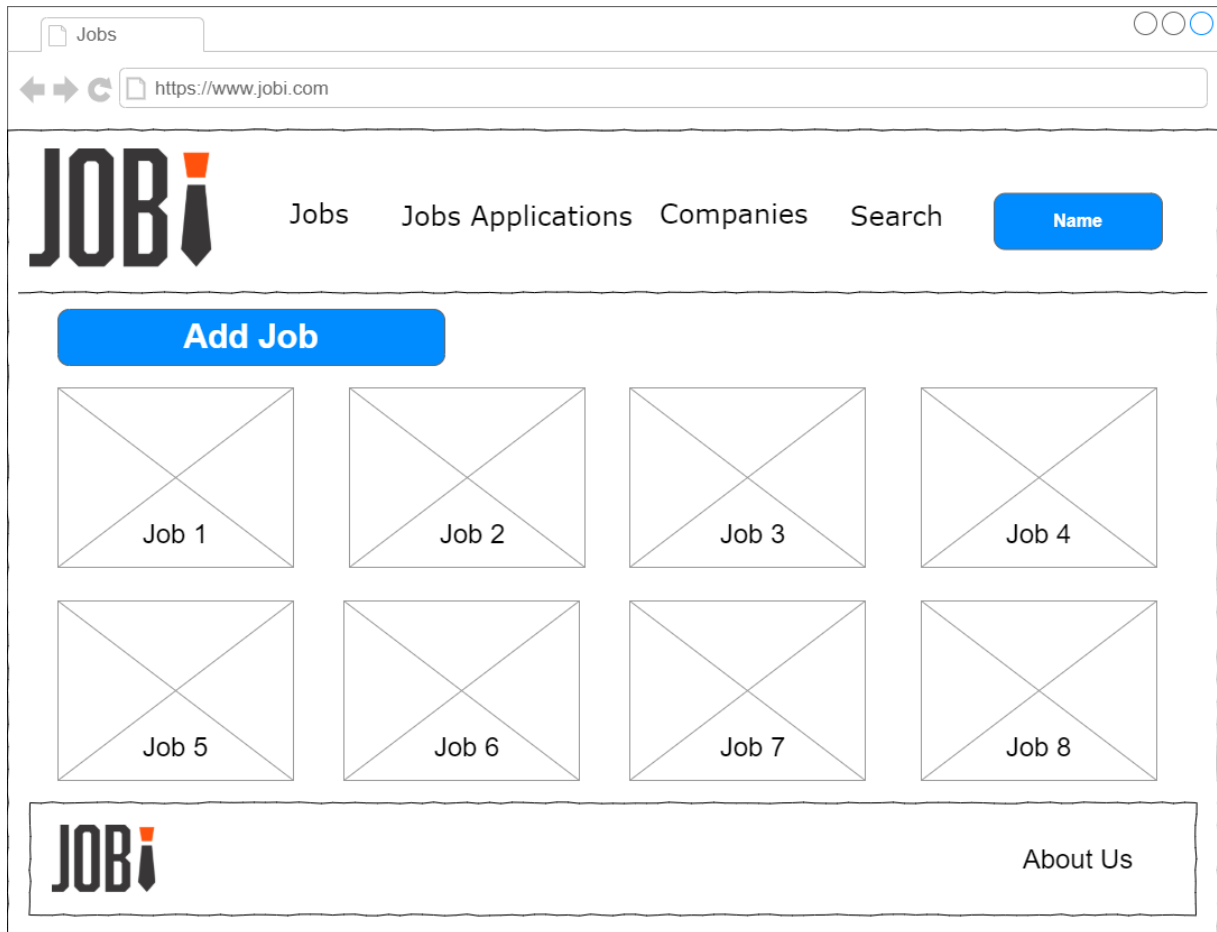
Home Page



When Press - User - Button



Jobs Page



Job Page

Job

https://www.jobi.com

JOBi

JobsJobs ApplicationsCompaniesSearch

Name

Job Name	
Job Field	Company Name
Job Salary	Job Time
Experience Needed	Job Address
More Information	

Apply Now

JOBi

About Us

Jobs Applications Page

Jobs Applications

https://www.jobi.com

JOBI

[Jobs](#) [Jobs Applications](#) [Companies](#) [Search](#)

Add Job Application

Job 1

Job 2

Job 3

Job 4

Job 5

Job 6

Job 7

Job 8


JOBI

[About Us](#)

Job Application Page

Job Applocation

https://www.jobi.com




JobsJobs ApplicationsCompaniesSearch

Name

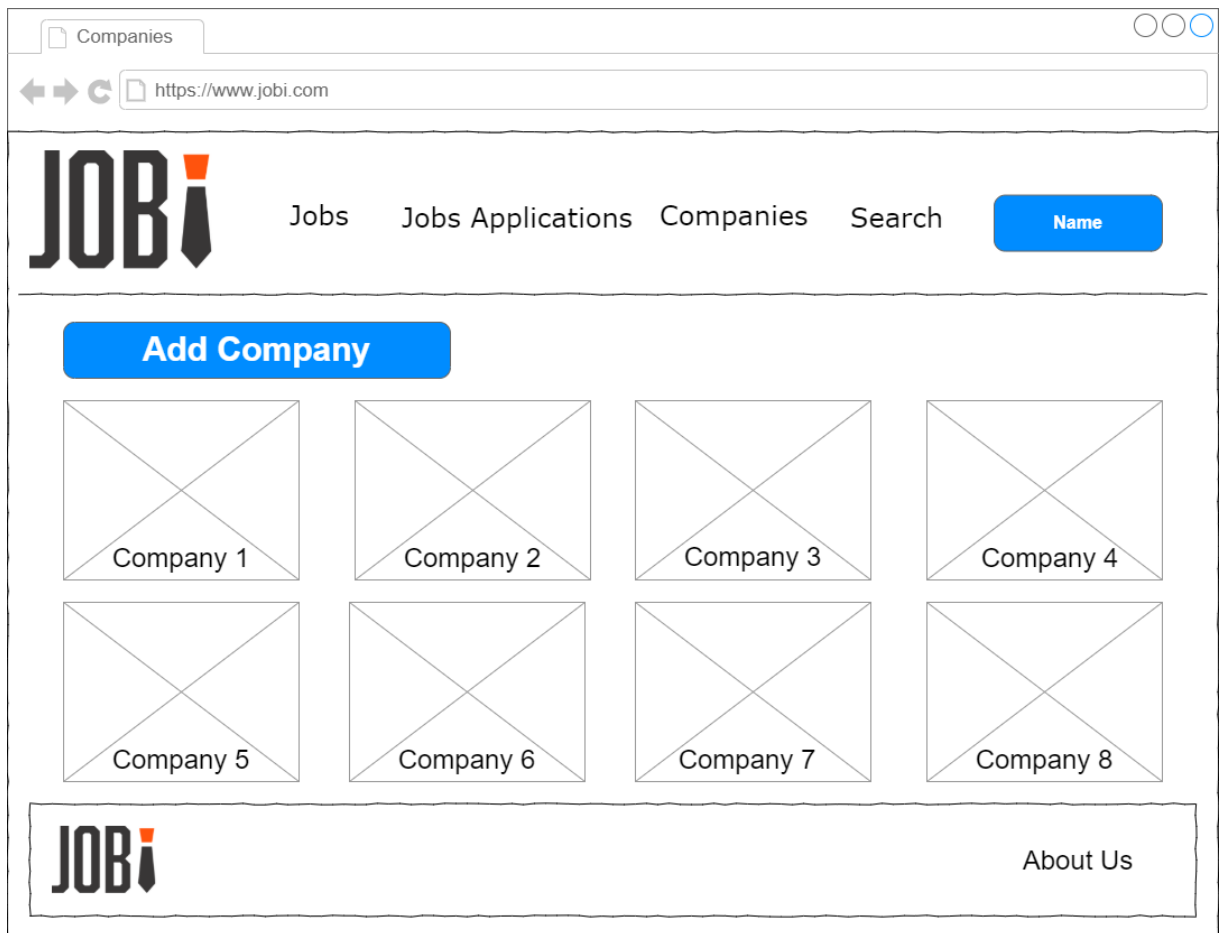
Job Name	
Job Seeker Name	
Salary Expected	Job Time Prefer
Experience Have	Seeker Address
More Information	

Visit User Profile



About Us

Companies Page



Company Page

Company

https://www.jobi.com

JOBi

JobsJobs ApplicationsCompaniesSearch

Name

Company Name	
Company Field	Time Opened
Company Products	
Job Address	
More Information	

JOBi

About Us

Add Job Page

Add Job

https://www.jobi.com

JOBI

JobsJobs ApplicationsCompaniesSearch

Name

Add Job	
Job Name	Job Field
Company Name	Experience Needed
Salary	Job Time
Company-Job Address	
More Information	

Add Job

JOBI

About Us

Register Page

Register

https://www.jobi.com

JOBi

[Jobs](#) [Jobs Applications](#) [Companies](#) [Search](#)

Resgister	
Name	<input type="text"/>
Email	<input type="text"/>
Password	<input type="password"/>
Re Type Password	<input type="password"/>

Register

JOBi

[About Us](#)

User Dashboard Page

User Dashboard

https://www.jobi.com

JOBI

JobsJobs ApplicationsCompaniesSearch

Name

Your Informations

Name	Field
Email	Address
Password	Experience
Re Type Password	Born Date
More Info	

Edit Informations

Jobs You Post

Job 1

Delete

Job 2

Delete

JOBI

About Us

Admin Dashboard Page

User Dashboard

https://www.jobi.com

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Name

Your Informations

Name

Email

Password

Edit Informations

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Search Page

Search

https://www.jobi.com

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Name

Job Name	Type Here	
Job Field	Field	IT Medical
Company Name	Type Here	
Job Time	Time	Full Time Part Time
Job Address	Address	Jordan USA

JOBi

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Profile Page

Profile

https://www.jobi.com

JOB

[Jobs](#) [Jobs Applications](#) [Companies](#) [Search](#) [Name](#)

User Profile	
Name	Email
Field	Phone
Experience Have	Address
More Information	

Contact

JOB

About Us

Chapter 4: Result & Recommendation

When project finish

Reference

- 1- <https://reactjs.org/docs/getting-started.html>
- 2- <https://stackoverflow.com/>
- 3- <https://github.com/>