Special Job

Tala Al-Waheidi

[MASTER PROJECT]

Contents

Abstract

Special Job is a community site that aims to make it easy to find jobs for special needs people
It is useful for special needs people whose search for a job to find their career and make them more active and more productive in the real-life.

 The site construction requirements were determined and collected by the real stories that we see and live with these people in schools, streets, or whatever where we meet him. And then we determined the functional and non-functional requirements for this website.

We used all the requirements to build the use-case and the sequence diagram.

We created the data, and then we built databases and spread sheets, using the php language, and designing a screen for the website and admin dashboard.

The project started to build the website with Laravel (PHP Framework). The database was used MySQL.

Chapter 1: Introduction

1.1 Introduction

Special Job is a website that specializes to post jobs for special needs people only. And helps them to find the best job that was compatible with the special needs that he has.

1.2 System Goals

The goal of building the website is:

1. Saving time and effort to find the suitable job for special needs.
2. Help special needs people to be socialize and productive.

1.3 Feasibility Study

1.3.1 Challenges

Technical challenges:
Most of them were in frontend part and UI/UX design, it must be comfortable for all kinds of special needs people from colours, easy way to browsing and applied for a job.
Another way of challenges, how can I have a recruiter to be part of this work.

1.3.2 Proposed Methods

Contacting with special needs schools and academies to provide us more details that helps me to build the website in best way. And we have special section for talented peoples to share their works.

1.4 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.

1.5 Analyse & Requirement:

In the first week I analyse and gather information to gather requirements, with duration 3 days.

1.5.1 Screen Design and Data Base:

In the second week select the date information and GUI
a. Class diagram
b. Data Base Table design and Normalization
c. Mock up design

1.5.2 Implement code:

Laravel with, MySQL

Chapter 2: Requirement

2.1 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 meld user expectations to fit the requirements.

2.1.1 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. Home page to show all categories and filter job
3. Details News page to show news in details
4. User can show jobs related to category
5. User can apply a job
6. Contact Us page

B-Back Web site:
1. Admin page to control of web site
2. Category's page
3. Job's Page
4. User's Page
5. Applying page

2.2.1 Functional requirement:
1. login: make admin access to Dashboard.
2. Dashboard page to control of website

3.   Home page to show all category and search job
4.   List page to show specific job
5.   Details page to details job
6.   Apply Page to apply all job

2.2.2 Non-Functional Requirement:

1.   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 a Laravel and connect them with database MySQL, Web pages CSS, Html, bootstrap and use protected Hash password.

2.   Product Requirement:
   a. no need for storage capacity, it's only needs Internet connection and mobile phone or a computer.
   b. the failure rate is very low if maintenance team failed righteousness immediately.
   c. The system must be able to work at any time through its design as the site can access all connected on the Web.
   d. The system must have High speed to be able to perform the tasks required of it and that use software to build a high quality and efficient: Laravel 8, MySQL Server.

2.2.3 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.
        • PHP is a popular general-purpose scripting language that is especially suited to web.

• Laravel is a free, open-source PHP web framework, created by Taylor Otwell and intended for the development of web applications.
• MySQL is an open-source relational database management system (RDBMS).
• PDO_MYSQL is a driver that implements the PHP Data Objects (PDO) interface to enable access from PHP to MySQL databases.

2.3 Use Case Description:
1. User:

Use case Number	UC #01
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 3. Apply job
Post-condition	Retrieving, presenting and traversing information resources
Quality Requirements	Speed site browsing

2. Admin:

Use case Number	UC #02
Use case name	Browsing, Login to Dashboard
Participation actor	Admin
Pre-condition	Internet connection, Permission roles access
Flow of events	1. Open dashboard 2.Manage all data
Post-condition	Admin publish category and job
Quality Requirements	Admin has all permission

2.3.1 Use Case Diagram:
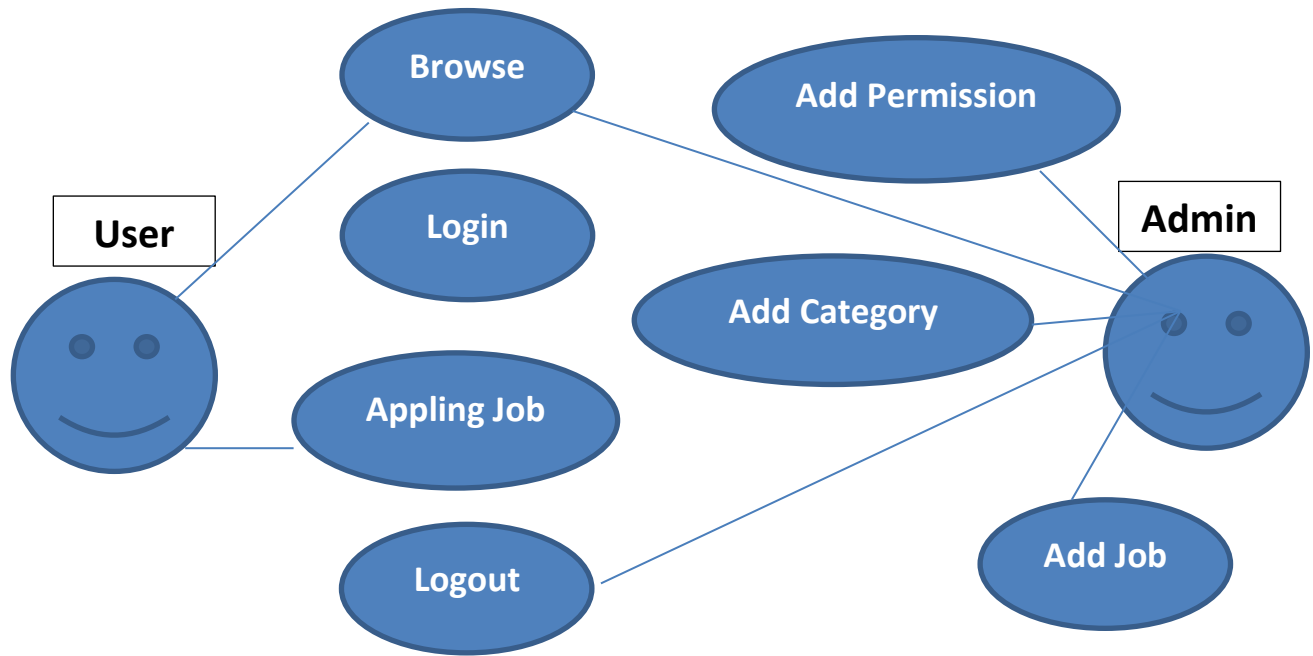
Chapter 3: Design

3.1 ERD_Daigram:

3.2 Wire-farm:

Screen 1: Add Admin
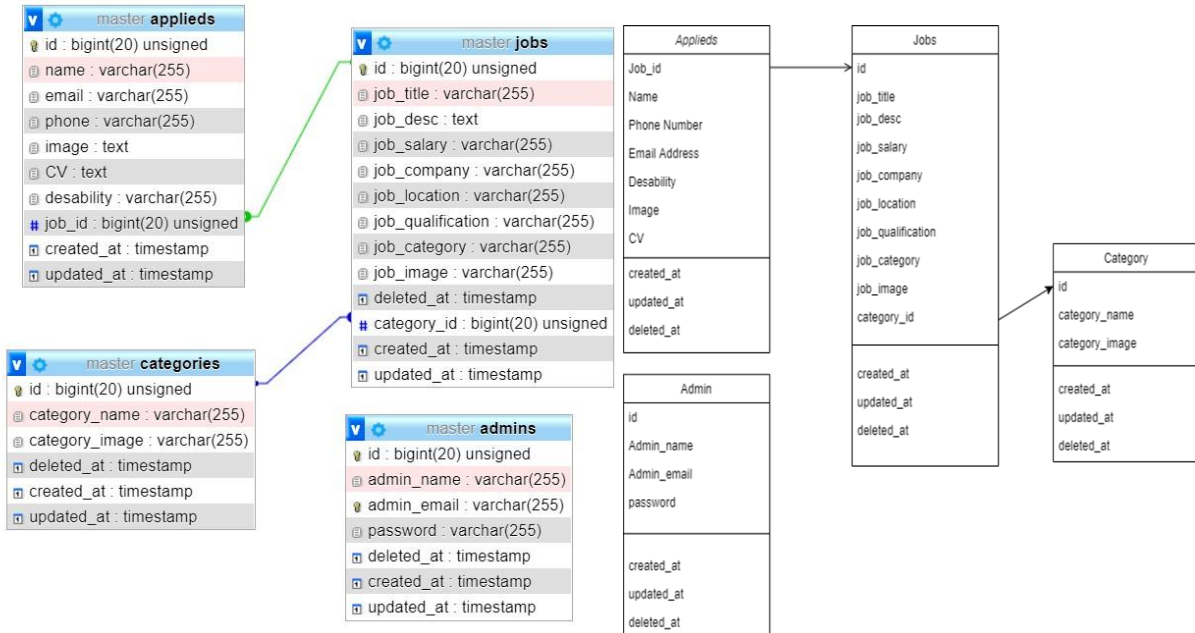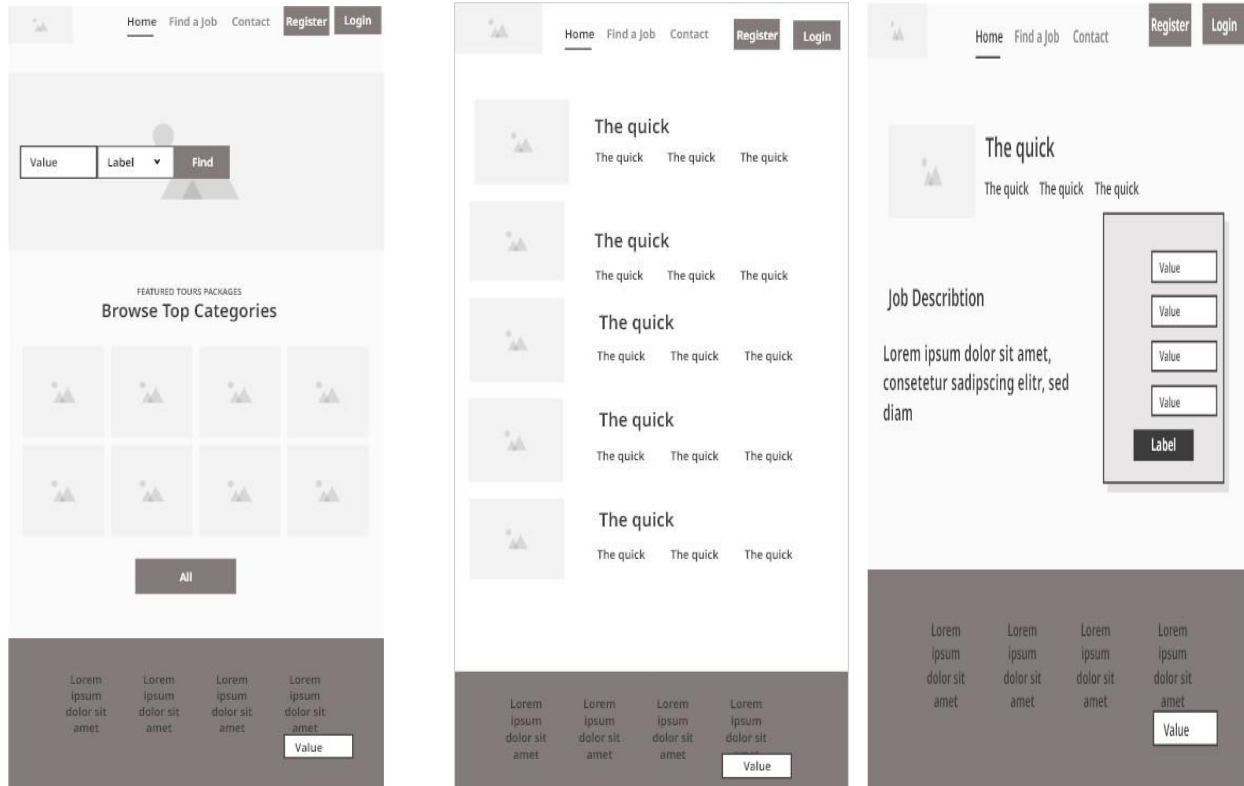
Search

Manage Job
Manage Category
Manage Admin

Add Admin

Admin name

Admin e-mail

Password

Add

Screen 2: Admin Table

Search

Manage Job
Manage Category
Manage Admin
Manage Applied

Admin Table		
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value

Screen 3: Add Category

Search

Manage Job
Manage Category
Manage Admin

Add Category

Job Category

Category Image

Choose File

Add

Screen 4: category Table

Search

Manage Job
Manage Category
Manage Admin
Manage Applied

category Table		
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value

Add Job

Manage Job

Manage Category

Manage Admin

Add Job

Job Title

Job Category

Job Company

Job Location

Job Description

Job Salary

Company Image

Choose File

Add

Search

Manage Job

Manage Category

Manage Admin

Manage Applied

Job Table

Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value
Value		Value

Search

Manage Job

Manage Category

Manage Admin

Manage Applied

Applied Table

Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value
Value	Value	Value