



Virtual Office

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INTRODUCTION

PURPOSE

The purpose of this document is to build an online system to manage freelance work to ease the freelance work procedure.

INTENDED AUDIENCE AND PERTINENT SECTIONS

This project is a prototype for a freelance platform. This has been implemented under the guidance of Coding academy by Orange . This project is useful for the engineers that they are searching for jobs and as well as to the companies and offices.

PROJECT SCOPE

The main concept for this website is to help engineers finding work from their homes as freelancers and showing their work and skills. Also help companies or offices who looking for engineers to do a temporary work for them.

DESCRIPTION

PRODUCT PERSPECTIVE

A distributed database system stores the following information.

- The engineer portfolio details:

It includes samples of the engineers' works. As a marketing to show off their skills.

- Task posts from companies and offices:

It includes posts that companies and offices ask in it for an engineer to do the task or ask a certain engineer to do the task.

FEATURES

There will be two sides for the website,

- the first side helps engineers register and look for temporary work that companies asked for and also they can upload their portfolio that includes samples for their projects to show off their skills .
- Or companies and offices can register and they can ask for engineers to do the task or ask a certain engineer to do the task.

USER OVERVIEW

A user can have many available actions to do on the website including searching for a temporary work and looking for people to do some tasks for them.

OPERATING ENVIRONMENT

Operating environment is as listed below.

- client/server system
- Operating system: Linux/Ubuntu.
- database: SQL.
- platform: PHP (Laravel framework).

CONSTRAINTS: IMPLEMENTATION / DESIGN

The need to use some new techniques in Laravel framework that I have not used it before.

DOCUMENTATION

This documentation describes the website and some information about the expectation from it.

SYSTEM FEATURES

DESCRIPTION and PRIORITY

The freelance platform website maintains engineers personal information ,engineers work samples, companies information and companies requirement.Of course, this website has a high priority because it is very difficult to connect companies with freelancers without prior procedure and system.

STIMULUS/RESPONSE SEQUENCES

- Search for jobs that companies post.
- Displays a detailed list of available tasks and connect the one whose post this task.
- Upload projects by engineers to their portfolios.

FUNCTIONAL REQUIREMENTS

Other system features include:

CLIENT/SERVER SYSTEM

The term client/server refers primarily to an architecture or logical division of responsibilities, the client is the application (also known as the front-end), and the server is the DBMS (also known as the back-end).

A client/server system is a distributed system in which,

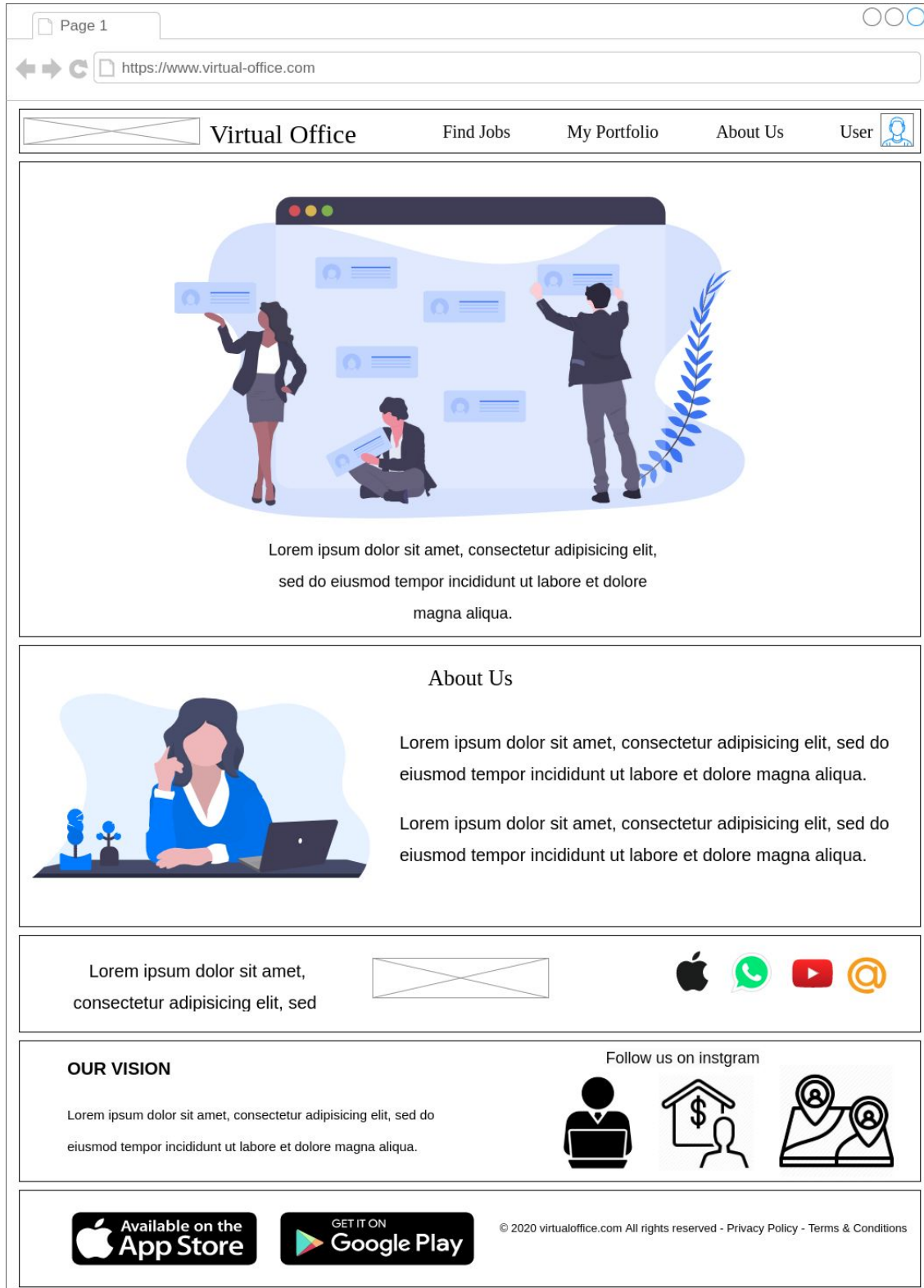
- Some sites are client sites and others are server sites.
- All the data resides at the server sites.
- All applications execute at the client sites.

REQUIREMENTS OF EXTERNAL INTERFACE

USER INTERFACES

The user interfaces for the website simple , elegant ,easy to use and have a good sequence.

- It should include the landing page that has nav bar which has multiple sections.

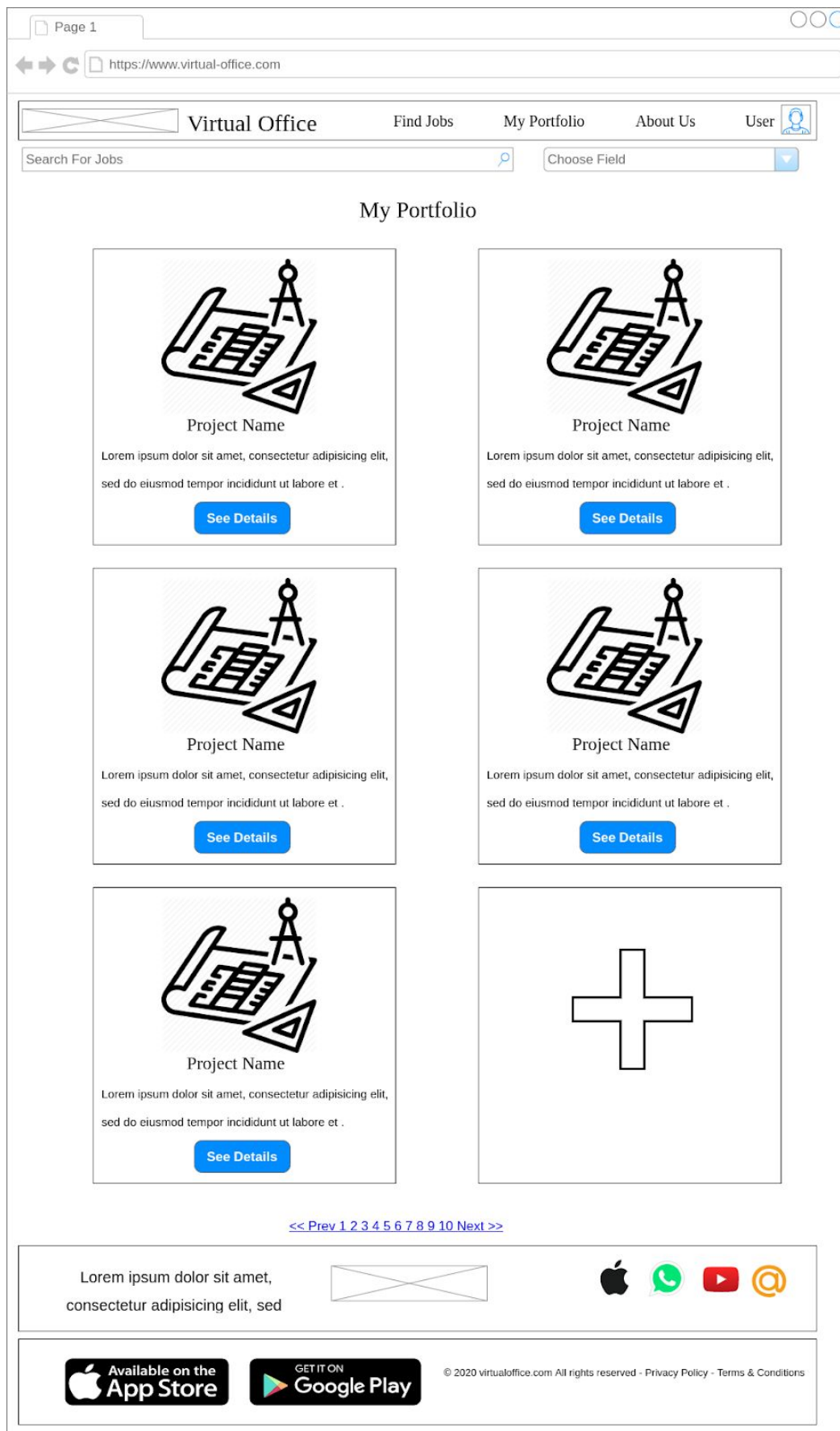


- The nav bar sections are :

1- about us.

2-My Portfolio : Is the page that the engineer can upload his/her work samples on it.

3- Find Jobs : This page contains posts for tasks from companies and offices that they need some engineers .



Jobs Results

Description

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The Field

Lorem ipsum

Read More

Description

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HARDWARE INTERFACES

- Ubuntu.
- A browser which supports CGI, HTML & Javascript.

SOFTWARE INTERFACES

The website built on Laravel php 5.8 using MYSQL also for database to store the users data , companies information and engineers data.

COMMUNICATION INTERFACES

This project supports all types of web browsers. We are using simple electronic forms for entering data.

ADDITIONAL NONFUNCTIONAL REQUIREMENTS

PERFORMANCE

The website is clear and easy to use.

SAFETY

If there is extensive damage to a wide portion of the database due to catastrophic failure, such as a disk crash, the recovery method restores a past copy of the database that was backed up to archival storage (typically tape) and reconstructs a more current state by reapplying or redoing the operations of committed transactions from the backed up log, up to the time of failure.

SECURITY

Security systems need database storage just like many other applications.

SOFTWARE QUALITY

- Usability : The tasks on the posts should satisfy a maximum number of customers needs.
- Accurate : All the statics and the scores are accurate.