SIT313

iCrowdTask Web Application Requester Registration Page

Azadeh Ghari Neiat

TR2 2020

SIT313 - Developing Client-Server Web Applications
iCrowdTask Web application (Requester Registration Page)

Overview

This task intends to provide you with experience in Node.js, Express and MongoDB. You are given the requirements of a requester registration page for iCrowdTask web application. Your task is to build this component.

You will find "Demo Videos" of Week 2-4 Practical on the unit site to be particularly useful as a reference for this task. Please also keep an eye on your email and any announcements that may be made on Cloud Deakin.

Submission Details

You must ensure that all your program files used for this task sit in a directory called "Task4.1P". This directory should contain a subdirectory called "public" where your CSS files and images are placed under "public/css" and "public/images" directories, respectively. All files required to be uploaded and a link to the "Task4.1P" directory must be submitted by using the task submission page to OnTrack. You could also submit your GitHub link. Please make sure that I have access to the folder. This is an **individual** assignment, and you should submit **by 8pm AEST, Friday, 21 August 2020, (Week 6).**

Objectives

• To combine what you have learnt in the first four weeks into a real-world web application.

• To provide you with a reference web application for your future projects.

Specifications

To use the iCrowdTask platform, a requester needs to create an iCrowdTask Requester Account. You need to design an HTML page for new Requester Registration which allows a requester to register themselves into the application (you could use Bootstrap Templates).
- The application maintains a MongoDB database to record all information of requesters, tasks and crowd workers (*iCrowdTaskDB*).
- For each requester, you need to keep the auto generated requester id, country of residence, first name, last name, email address, password, re-typed password (for double checking), address, city, state/province, Zip/Postal code and mobile phone number (see next page).
- Once the application gets these inputs (using BodyParser), it validates the inputs using data validation in MongoDB and add the details of the new requester to *iCrowdTaskDB*. The server-side program will check (1) all inputs except Zip/Postal code and phone number are given; (2) the password is the same as re-typed one; (3) the password must be at least

8 characters; (4) the email address and mobile phone number must be valid. If the data validation has problem, an error message is shown.

Requester Registration

Create an iCrowdTsak Account

Country of residence*

| Choose from list ▼ |

First name*   Last name*

| | |

Email*

| |

Password*

| |

Confirm password*

| |

Address*

| |

| |

City*   State, Province or Region *

| | |

ZIP / Postal code

| |

Mobile phone number

| |

Create Account