



DEAKIN
UNIVERSITY

SIT313

iService Application Customer Registration Page

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SIT313 - Developing Client-Server Web Applications

iService Web application (Customer Registration Page)

Overview

This task intends to provide you with experience in [Node.js](#), [Express](#) and [MongoDB](#). You are given the requirements of a customer registration page for iService 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/repository called "Task 4.1P". 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 "Task 4.1P" directory must be submitted by using the task submission page to OnTrack. **Please do not upload node modules directory.** You could also submit your GitHub link. **A link to the demo video of your webpage and welcome email are loading and running must be submitted.** **Please make sure that I and Dinesh have access to the folder or GitHub repo.** Please put all links in one PDF file and submit it using the task submission page to OnTrack. **You must also submit only server.js file to the OnTrack.** This is an **individual** assignment, and you should submit **by 8pm AEST, Friday, 27 August 2021, (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 iService platform, a customer needs to create an iService Customer Account. You need to design an HTML page for new Customer Registration which allows a customer 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 (*iServiceDB*).
- For each requester, you need to keep the auto generated customer 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 customer to *iServiceDB*. 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 must be valid. If the data validation has problem, an error message is shown.

Customer Registration

Create an iService Account

Country of residence*

First name*

Last name*

Email*

Password*

Confirm password*

Address*

City*

State, Province or Region *

ZIP / Postal code

Mobile phone number

Create Account