Cloud Computing SOFE4630U
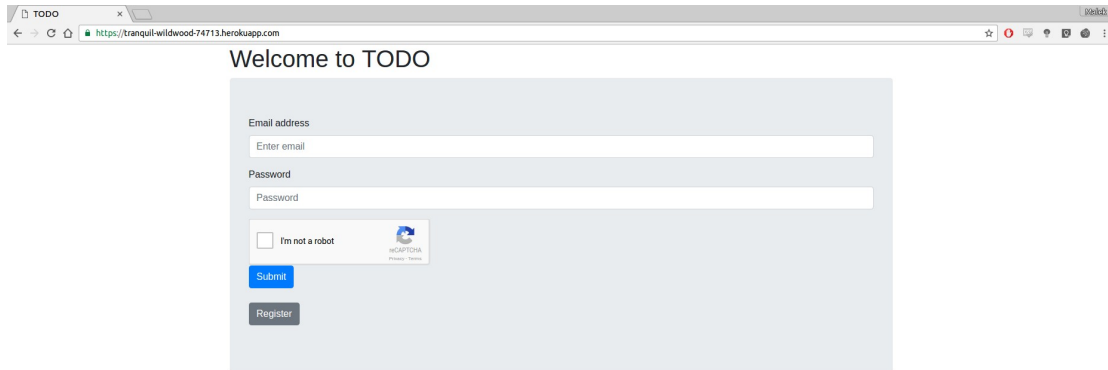## Assignment 1 – Application Utilizing Heroku

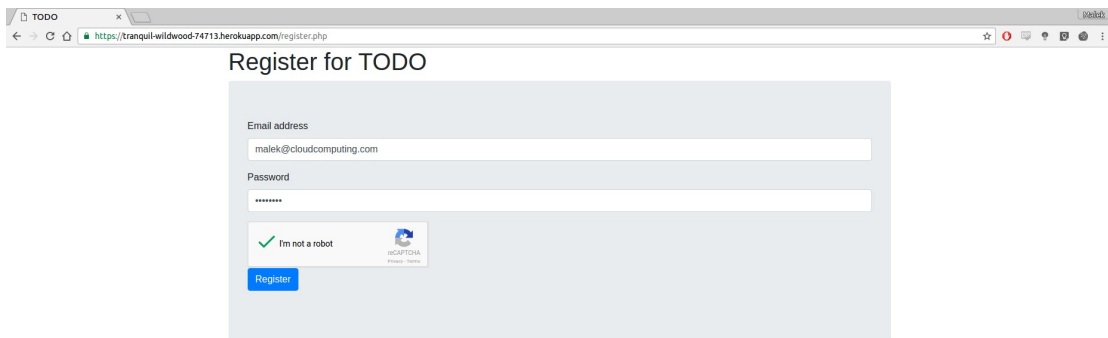Malek Mustapha-Abdullah
100541476
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App Details

For my assignment, I made a simple online ToDo list. Users can sign up, login, add tasks and remove them. Users can add ths website as their browser homepage, so whenever they open a new browser window, they will see their to do list.
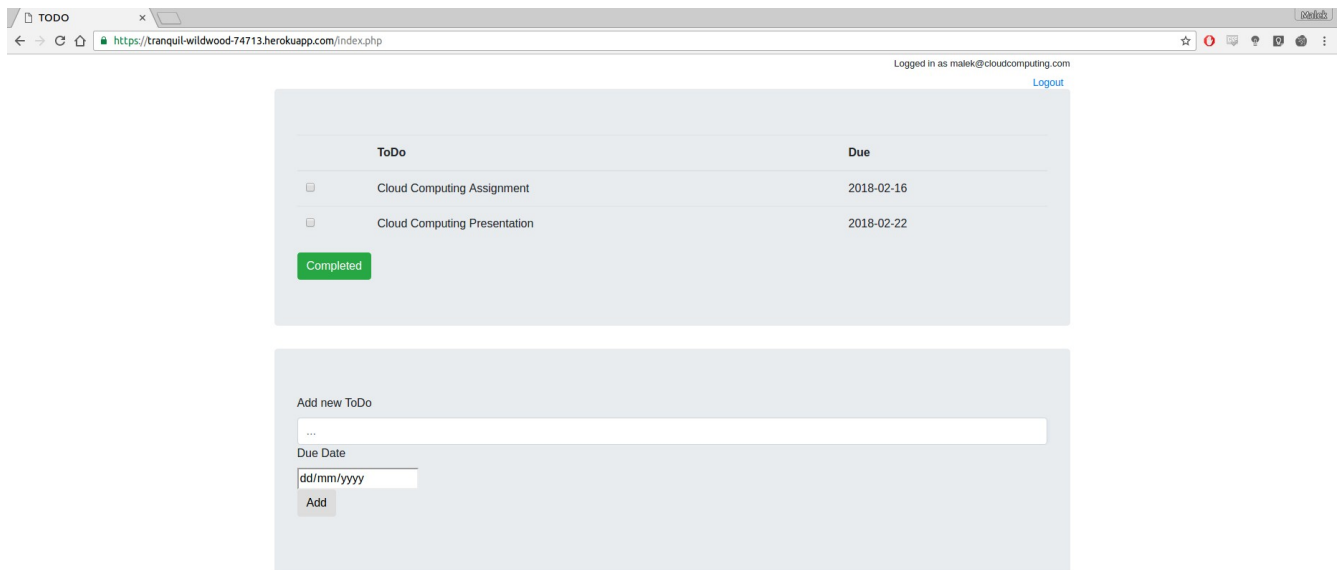Link: https://tranquil-wildwood-74713.herokuapp.com/

Picture 1: ToDo Homepage

Picture 2: Register Page

Picture 3: ToDo Dashboard

Architecture

Architecture overview:
- Backend: PHP and MySQL
- Storage: Heroku ClearDB (cloud SQL storage)
- Frontend: HTML and Bootstrap CSS Package

Novel Features

My application provides users quick and simple access to an online todo list which they can access on any device, due to the implementation with Bootstrap.

Challenges/Solutions

It was my first time developing and application for deployment on Heroku, so there was a slight learning curver to begin with. However, having worked with other cloud hosting services, such as Google App Engine, I quickly understood the file structure for Heroku and how applications are deployed.