SE31520 Assignment 1 - Part 2: Forum for the CSA - ver 1

Michal Wojciech Goly [mwg2]

30th November 2017

Contents

1 Introduction

This document describes the architecture of the forum feature added to the CSA application as part of the assignment submission for the SE31520 module at Aberystwyth University. The following sections describe the design and implementation choices made during the development, alongside testing performed and the implementation of the REST API. The report finishes with the summary of the activities performed to achieve "flair" marks and sums up the work with a critical evaluation.

2 The CSA application

3 The REST client

4 Cucumber testing

5 Flair

5.1 The overall look and feel

Materialize CSS

5.2 Docker

Docker and Docker Compose of test and dev environments

5.3 Build and extra testing

Circle CI, running integration, cucumber tests, deployment of master to a production environment

5.4 Heroku

link to the deployment env

5.5 Feature branches and Kanban

the development process, pull requests, screenshot of the kanban board

6 Critical evaluation

- Could have added controller tests, but did not know how to mock sessions in rails 5 - Improve the look and feel of the rest of the app