

Iteration: 4 (16/03 - 22/03)

Alex Taylor - amt22@aber.ac.uk

March 20, 2017

Version 0.2 (Draft)

## **Contents**

## 1 Story: Admins can log into the website and run a session with a quiz

### 1.1 Analysis - Breakdown of Tasks

After doing some spike work last week, this task can now be approached and broken into several sub tasks:

- Set up config for Pusher
- Add event for broadcasting
- Write a command to trigger this event
- Add a button to quizzes to trigger this event
- Display this on the front end using the javascript which listens for Pusher events
- Add a session key box to front page
- Add session id to users
- Allows admins to change their id
- When admin clicks run, this id can be entered into the key box to join a channel with the name of the id
- The user will be presented with the initial quiz page which will be default filled with the name and description of the quiz
- The admin will see the same page but with an "admin panel"
- This admin panel has a next and previous button for questions
- When these buttons are pressed, the question is sent to pusher
- These question are rendered as a form on the user end and admin end
- The user can submit the form

### 1.2 Design

Here are some mockups of the user end of the system:

### 1.3 Implementation

### 1.4 Testing

### 1.5 Extras