# Overview

## About the project

The overall goal of this project is to better showcase the CDU Code Fair that has been running for the last 3 years. With current digital trends the best way to achieve this, to not only staff and students, but to the great IT industry is with a website. This goal is to be achieved by providing a platform that promotes the code fair and provides a repository for resources from past events, as well as future events.

The website will be a marketing piece as well as a tool for those wishing to participate. We expect it to be accessible and welcoming to all, but with more of a focus on engaging students as well as professionals from the IT industry.

### Project Team

The project team will consist of two members, Kris Bebbington and Joshua Bauer. The roles on the project will be shared between the two members for the duration of the project. The schedule is below.

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| --- | --- |
| **Milestone** | **Co-ordinator** |
| Milestone 1: Competitive Benchmarking | Kris Bebbington |
| Milestone 2: User Analysis | Joshua Bauer |
| Milestone 3: Design Documentation | Kris Bebbington |
| Milestone 4: Usability testing | Joshua Bauer |
| Website development | Kris Bebbington |
| Lead Developer | Kris Bebbington |
| Report | Joshua Bauer |
| Presentation | Kris Bebbington |

### Business Requirements

The faculty have outlined a few business requirements for the website.

Key content the website is communicating is:

-Getting word out for this years competitions

-Providing information to the IT industry

-Past events

Key Function the website is:

-To help motivate and engage students into code

-Provide a platform to advertise to IT industry to get involved

-Provide a repository of information for past and future users

Visitors to the site will remember:

-Easy navigation

-Information available at fingertips

-Accessible no mater what format it’s presented in

## Project Approach

Due to the nature of the project having a it broken down into weeks of released requirements (even though we had an overall high level view) we decided to use a cut down Agile approach to the project. We would meet each Monday evening and work out requirements for the week designed as a mini sprint (http://agilemethodology.org). We’d then meet again on weekend to put together the information and the coordinator would then submit the week’s work.

This coupled with the use of GitHub and forking each week and tasks section allowed us to work separately yet in the same direction and collaboratively. With the weekend we would then pull the fork back into the master and start the next milestone.

Outside of the actual project management approach, we also took a mobile first or responsive web design approach (https://www.w3schools.com/html/html\_responsive.asp). This was not only laid out by the project scope but is a good way to develop a site, noting, “A web page should look good, and be easy to use, regardless of the device!”