

**Computing & Mathematics**

**Final Year Students**

Individual project submission template, please rename the file with

your surname, student ID number and module code before submitting.

Project Title (max 50 characters)

Code.Scribe – Code Learning App to aide teaching KS3/KS4

Student Name – max 35 characters

Adam Viant

Course Title – max 50 characters

BSc (Hons) Computing

Abstract text – max 600 characters

This project is a web application designed to help children of secondary school age (Key Stages 3/4) to learn to programme and code, giving them the basics to start off and helping them with common problems when starting. The application will provide exercises to help encourage self-thought, a skill that is vital in the computing industry, as well as live code editor to give immediate feedback to the user. The application will cover web development languages such as HTML, JS, CSS and programming languages such as C#.

The application itself will be hosted on a web server using NodeJS and will incorporate a host of web technologies to provide a smooth and finished experience when using the application.

Technologies used – max 6 technologies

* NodeJS
* Express
* AngularJS
* MongoDB
* Mongoose