

# CI 285 FUNCTIONAL PROGRAMMING

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## DOCUMENTATION

The framework of choice for the project is the Yesod framework. The framework comes with a built in scaffolding tool and the supporting documentation is available at the Yesod site.

The project is available online at my GitHub page and the ReadMe.md file contains further documentation on the project and the approach taken whilst this pdf further documents any Yesod specific details .

The Scaffolding tool bootstraps a project with the following respective files & folders explained below

<b>app</b>	This folder contains main.hs and other development files, this is the entry point for the application
<b>config</b>	This is one of the most important bits of the project as it contains the models (template haskell), the routes (REST) & other settings files
<b>dist</b>	This contains the built project executable
<b>Handler</b>	This contains files which are the resource handlers for every route defined in config/routes
<b>Import</b>	Contains module imports for the project
<b>Settings</b>	Project specific setting files
<b>static</b>	This contains static files to be served from the server. Here the css files, fonts & complete EmberJS webapp ( static/webapp )
<b>templates</b>	All the hamlet (HTML), lucius & Cassius ( CSS ), & Julius ( Javascript ) files
<b>test</b>	All the test codes for testing
<b>yesod-devel</b>	Contains command line arguments for use during development

It should be noted that the EmberJS webapp in the project has been configured to make ajax request to the localhost on port 3000 i.e 127.0.0.1:3000

To run the project in development mode, run the command “yesod devel”.

Further documentation is available on the GitHub repository