# TheoryLab Starting Guide

## Framework:

Mean.js - <https://meanjs.org/>

Generating new modules look at:

<https://meanjs.org/generator.html>

NPM as for server-side modules

Bower for client-side modules. When installing new modules, it gets copied to */public/lib*.

Be sure to add the scripts to the */config/assets/default.js* script.

No need to add application scripts or style files to this file as they’re automatically picked up.

We are using Gulp for continuous integration (CI):

**gulp serve** - to run the application

**gulp test** – to do code linting and run tests. **NB –** make sure all tests pass before committing to the repo.

We use LESS as our CSS pre-processor:

<http://lesscss.org/>

**gulp less –** to compile LESS files.

## Source Control:

Bitbucket: <https://bitbucket.org/shemaimme/rudolph-nd> - David to provide access

The staging branch is the current branch that deploys to the staging server. Continuous Deployment (CD) will deploy the latest pushed code to the staging server.

When working on new features or bug fixes, rather create a new or feature branch.

## Continuous Deployment (CD)

Codeship - <https://app.codeship.com>

## Task + Project Management

Trello - <https://trello.com/b/szGm631k/rudolph-nd>

## Hosting

The application is currently hosted on AWS on a Linux VM.

Staging URL: <http://23.20.9.114/>

Any file uploads should go to AWS S3, only application files should sit on the server.

## Payment Gateway Integration

Stripe - <https://stripe.com/>

## Communication

Skype / Slack

## Integration with DeployR

DeployR server (AWS VM server): <http://52.44.200.161:8000/deployr>

DeployR API reference docs:

<https://microsoft.github.io/deployr-api-docs/>

<https://github.com/Microsoft/js-client-library>