

Assignment 4

Course/Year:	BSCO3
Module:	Web Technologies
Semester:	2
Assignment Deadline:	25 th May 2020
Assignment Submission:	Online (Moodle). You will also need to complete and sign a coversheet.
Assignment Weighting:	40% of the module

Research, Plan, Design and Build a Single-Page Web Application

For this assignment you are to form groups of 2 and research, plan, design and build a single-page web application using node.js and angular

The app should be a productivity/to do app that allows users to:

- Sign up
- Log in
- Create tasks (With a date for completion, level of priority etc.)
- Set tasks as complete
- Assign others to a task
- Get alerts about incomplete tasks
- etc....

As well as these features you should come up with your own features.

The app should be built using HTML, CSS, JavaScript, node.js, angular and any other plugins or libraries you deem necessary.

In addition to the main app you should supply documentation outlining:

- The features
- The architecture of the app
- Wireframes
- The database structure.
- The project timeline
- Reflection on how the project went

Marking:

- Documentation 15%
- App design/architecture 10%
- Database structure/implementation 5%
- Coding 30%
- Design/Usability 15%
- File structure 5%
- Innovation 10%
- Deploy App on <https://www.heroku.com/> or similar 10%

Submission Requirements:

- All files, database, and documentation in one folder called StudentNo1_StudentNo2_assignment_04.
- Zipped and uploaded to Moodle.
- Link to deployed app on <https://www.heroku.com/> or similar
- Any required login details.

Learning outcomes being assessed

2. Compare and contrast single-page applications with other formats.
4. Install and configure web application frameworks, single-page applications and content management systems.
5. Plan, design and build web applications using both client-side web application frameworks and content management systems.