

INFO30005 Group Project - Instructions

In this semester-long group project you will demonstrate the skills you are learning in class and practice the culture of team web development.

Your goal is to build web applications for a business, based on a set of requirements provided to you in a separate document.



Your Group

Projects will be conducted in groups of 5 students. All group members must be registered in the same weekly workshop, and attend every week. (You must justify any absence to the tutor.) Unless otherwise stated, you should only attend the workshop to which you are formally registered. Your tutor will give you feedback on each deliverable.

Deliverables, Deadlines and Marks

To help you make continual progress and to maximise the feedback that you receive throughout the semester, the project is broken down into multiple deliverables for summative assessment. Furthermore, the week before each assessment is due, you are asked to show a draft to your tutor for formative assessment. Formative assessment will provide you with feedback on your progress and help your group stay on track.

Note that project marks add to 60%. All of these are group submissions.

Week	Deliverable	Due	Marks
4	User Interface (UI) mockup	Fri 5pm	5
7	App server mockup	Fri 5pm	5
9	Front-end + back-end (one feature)	Fri 5pm	5
12	Complete system + source code	Fri 5pm	40
12	Report on your work (+ test 1 feature)	Fri 5pm	5

Formative assessment will take place in class, the week before each deliverable deadline.

Technologies and Tools

We expect that most groups will use the technologies taught in the course to build the web app. These include: Node.js, Express, Handlebars, MongoDB, Mongoose, HTML, CSS, JS, React, Git, Heroku. If you have a strong preference for using different technologies, please discuss with the subject coordinator.

You can implement your web apps in either of two ways:

- Web server with server-side templating
- React front-end plus REST API back-end

This is enough to get started. More detail about deliverables will be provided later.