

Course: BSc(Hons) Applied Software Development (UI310)

Module: Industrial Software Design

Students will be expected to produce a MVP with a few well developed, functional, secure features. After a design period they will create a prototype, making good use of existing libraries, cloud APIs or possibly even 'no-code prototype' tools like Google Docs, Zapier, IFTTT, etc. The aim of this unit is for the groups to produce what would be a first release of a product. They are expected to go through several iterations of their product leading up to this, responding to user feedback at each stage. Their initial prototype is expected to make use of existing libraries or tools. As an example, many SAAS products start life as 'no code' prototypes running entirely third-party services.

Understanding how to capture requirements, identifying the priority of the features and how to develop user stories. Challenges at this stage will get more complex and students will have more autonomy over project ideas.