# Agile Product Backlog

## Ideas:

* General: Website that has information on Computing
* Specific: Website with webpages that gives information on Computing research groups, staff, and courses
* In-Depth: Website with a home page that links to webpages about Computing research groups, staff, and courses that is easily understandable and easy to update

Separate webpages for staff, research groups, and courses

High-contrast mode for users with disabilities such as dyslexia

Lots of navigation options for users that struggle to use mouse or keyboard

Contact information for each member of staff

Easy to understand links to pages

Avoid hierarchical structure (only able to access a page after going through multiple other pages)

Utilise drop-down menus to navigate the website

Feature most recently updated pages on the home page

Keep the website simple so others can update it

Include edit button on pages for admins to use

## User Stories:

As a prospective student interested in the Discipline of Computing, I want to learn about the Discipline of Computing, so I can gain more knowledge on the subject.

As a website admin, I want to add a research group, so I can keep the website up to date.

As a member of staff, I want to know how to contact the other members of staff, so I can keep in touch with them more easily.

As a student about to start studying computing, I want to know what courses are on offer, so I can better choose the course that interests me.

As a current student, I want to know what each course offers me, so I can prepare for the upcoming courses in my curriculum.

As a company dedicated to computing research, I want to know what research groups in computing are looking in to, so I can know what research to keep an eye on.

As a student, I want to know what course and area of computing each member of staff is focused on, so I know who to contact about specific queries I may have.

As a busy student, I want to be able to understand the website easily, so I don’t have to spend long looking for the information I need.

As an older user, I want to have access to functions that make the website easier to read, so I don’t have to strain myself trying to read information present on the website.

## Sprint Backlog

Create webpage frameworks for staff, research groups, courses, and a homepage – Developer 1

Begin working on CSS elements to be used throughout the entire website – Developer 2 + 6

Create templates for staff pages including contact information and office hours – Developer 4

As a busy student, I want to be able to understand the website easily, so I don’t have to spend long looking for the information I need – Developer 3

As a company dedicated to computing research, I want to know what research groups in computing are looking in to, so I can know what research to keep an eye on. – Developer 1

As a website admin, I want to add and edit pages on staff, courses, and research groups, so I can keep the website up to date. – Developer 5 + 7

**As a prospective student interested in the Discipline of Computing, I want to learn about the Discipline of Computing, so I can gain more knowledge on the subject.**

* Create webpage frameworks – Developer 1
  + Create frameworks for staff, research groups, and courses pages
  + Create framework for homepage
* Begin working on CSS elements – Developer 2
  + Create stylesheet to keep consistency throughout the entire website
  + Create any additional stylesheets if additional elements are needed for specific pages

**As a website admin, I want to add and edit pages on staff, courses, and research groups, so I can keep the website up to date.**

* Create edit/add information system – Developer 6+7
  + Ensure system is easy to use and understand
  + Allow editing of staff, research groups, and courses
  + Editing is done via template (User is prompted with fields such as “Name”, “Description”, “Contact information”, etc.
* Make editing/adding exclusive to website admins via log in – Developer 5
  + Ensure that if a user logs in to the website with an admin account, they have access to the adding/editing system
  + Ensure that if a user visits the website as a guest or logs in as a student/member of staff they do not have access to the system

**As a member of staff, I want to know how to contact the other members of staff, so I can keep in touch with them more easily.**

* Create templates for staff pages – Developer 4
  + Create HTML/CSS frameworks for staff pages
  + Framework includes name, brief description, qualifications, any available previous work (i.e. websites, books, etc.), a picture, and contact information
* Include buttons/hyperlinks to staff websites/emails – Developer 3
  + Create CSS buttons/HTML hyperlinks to link to any personal staff websites, staff university e-mails, and (if available) staff’s public social media
  + Ensure buttons/links are visually appealing and fit in with the design of the rest of the website