\*highlighted Tasks are complete tasks

Sprint one:

We all gather round my computer and set out task to making mini milestones for the user stories these are what we came up with:

Tasks

* Make basic backend database for student info
* Make table for course details
* Make lecture details table
* programme links to database
* Login works and logs user in
* If wrong, then tells them
* Once login is done hides login details and loads appropriate form
* Single login
* Welcome the user after logged in
* Shows papers
* Lecturer can edit backend database in the program
* When updated in form it changes the database

Sprint One First Week

Gert and Bryan set out and completed that week to make a backend database used to store student details and connect it to the program which Alice and Victoria worked on. Victoria and Alice managed to surprise me and got the basic login done as well as being able save a login.

Sprint One Second Week:

This week we set out to finish up the login button by being able to determine between a lecturer login and a student login and depending on which one shows certain information.

Gert and Bryan started working on an add and remove aspect on form for lecturer that allows papers to added and removed. They had a bit of problem thinking of ways to make this happen so because Alice and Victoria had finished the login I asked them to help Gert and Bryan figure how to get this code working which made the task be able to be completed

Sprint two:

At the start of Sprint 2 we got told by the product owner that the application had to be web based. This caused tension as soon as the stand-up meeting started, trying to brainstorm a quick solution to the problem so that we can get back on track.

* Identify if Visual Studio would be a better option for website (not)
* Re-make database in MySQL
  + Re-create all the database tables
  + Re-input course data
  + Re-input lecture data
  + Re-input student data
* Connect to website
* Data saves when edited on website
* Set-up a HTML page
* Write css code to make the website ascetically pleasing (continues?)
* Make sure login works
* Set-up Single login
* Set up lecture page
* Works in multiple browsers
* Link style pages; java and the like (MySQL) to the website
* Show papers
* Lectures can edit
* Database updates in browser
* Work on making it mobile friendly
* Set up user interface for student page
* Students can add papers to take
* Students can see what papers are available to them based on previous paper

Week 1:

We set off to start on the website using Xampp a product I am unfamiliar with because of my limited knowledge in web. Alice and Brian started work on the database while Ryan and Victoria worked on getting the website running.  
Starting off we looked into continuing with Visual Studio then quickly switched to Xampp because it has inbuilt MySQL that we could use instead of having to connect the Access Database.  
Setting up the website page is proving more difficult than expected, we’ll group around it and try to finish it off by the end on the day.  
The database is getting on nicely save for a couple of loading errors that caused the database to get deleted. After the first time this happened I instructed them to load up copies of finished code to github as not to lose more time.

Sprint 2 Week 2:

Week two started off with our stand-up meeting where we talked about setting up our website to function on par to our sprint one application. We slowly made progress to getting a presentable product of the system however we will be behind for the next sprint. The teams are doing the same tasks as they were on the previous week and once they finish they’ll start on this sprints work, if all goes well we’ll have something new to show the product owner.

Victoria and Ryan worked on the front-end interface and login for the website while Alice and Brian worked on getting the database up to par and connecting it to the website.

# Sprint Three

At the beginning of the sprint we were approached by the product owner, who asked us to display information on the student page in an easy-to-follow manner, with colour-coded papers that highlight when selected. While this would be relatively easy to implement, we still have a lot of work to do on the core functionality of the project before it will be up to scratch as a product.

Uncompleted goals from last sprint:

* Data saves when edited on website
* Write CSS code to make the website aesthetically pleasing
* Set-up Single login
* Works in multiple browsers
* Lectures can edit papers
* Lecturers can delete papers
* Lecturers can add papers
* Website has responsive design
  + Lecturer
  + Student
* Set up user interface for student page
* Students can add papers to take
* Students can see what papers are available to them based on previous papers

Further goals for this sprint:

* Papers categorised by:
  + Paper category
  + Year
  + Semester
* Student copy of paper plan can be exported to a viewable format
* Student page has papers colour-coded by type and compulsory

## Week One

In week one, Bryan and Ryan made little progress on the lecturers’ edit/update/delete functions. Gert and Victoria worked on CSS styles for the current pages, and after completing that, they moved on to designing a layout for the courses as they will display in the Student page. We have discussed how to develop this, so it should be easy for them to jump into this for week two.

## Week Two

At the stand-up meeting I asked Bryan and Ryan to move away from adding lecturer functionality. It was simply taking up too much time for the few results they were getting, and with a two week break approaching it will give us plenty of out-of-class time to create dummy setups for these functions.

This week, Gert and Victoria worked on displaying papers on the Students page, while Ryan and Bryan worked on a responsive style for the lecturer page.

Victoria and Gert made good headway on the Student page this sprint. Because the section they were working on was very HTML-heavy, it worked good for them as only one of the developers knew how to use PHP.

Bryan and Ryan made small, insignificant steps with the functionality of the Lecturer page, but after moving to CSS design productivity picked up.

For the next sprint, we will need to do a lot of research and practice on making the site function so that we can have a working product to show at the end of the development phase.

# Sprint 4

**Scrum master:** Bryan

Continuing on from sprint 3 the product owner has requested we all continue on with the path we were taking. Whilst our design is coming along nicely now our functionality still is not quite there. This sprint we will need to readjust our scope to signing off key goals mentioned by the product owner over the previous sprints, whilst making this website functional.

Uncompleted goals from last sprint:

* Data saves when edited on website
* Set-up Single login
* Lectures can edit papers
* Lecturers can delete papers
* Lecturers can add papers
* Website has responsive design
  + Lecturer
  + Student
* Students can add papers to take
* Students can see what papers are available to them based on previous papers

Further goals for this sprint:

* Student copy of paper plan can be exported to a viewable format
* UCOL logo on main login page

## Week 1

In week 1 Ryan was unable to attend, due to unforeseen family reasons. I made strategy to put Victoria and Gert back together because both how they worked so well last sprint, as well as only 1 of them were fluent with PHP development.

In this week Gert and Victoria continued to work with the CSS/PHP and html in the formatting, making it mobile compatible as per the Product Owners comments at the end of Week 1 of Sprint 3 to sign off our ‘website has a responsive design’ milestone.

Alice worked on the backend making the website functional. Today she managed to complete the lecturers can edit papers, delete papers and add new papers. Commenting was also implemented.

Because we were also down one person, I was given permission to jump in and also work on project between fielding questions from my team and completing Scrum master tasks. I worked on small changes requested by the Product owner during Sprint 3 review. Changing UCOL image, username change, and students CSS.

# Burndown Chart

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Work Completed** | **Total Work** | **Total Work Left** |
| Sprint One | Week 1 | 9 | 12 | 31 |
| Week 2 | 12 | 28 |
| Sprint Two | Week 3 | 5 | 22 | 35 |
| Week 4 | 13 | 27 |
| Sprint Three | Week 5 | 4 | 17 | 23 |
| Week 6 | 8 | 19 |
| Sprint Four | Week 7 |  |  |  |
| Week 8 |  |  |