1. Release 1

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| The work I have done during the release | Its contribution to the product | Evidence of the work (artefact). *Check the “Release 1” folder* |
| My team did not have enough experience in developing website and web designer, so did the research and found Bootstrap, a front-end development framework, then decided to use Bootstrap as a group. | Rather than coding from scratch, Bootstrap enabled us to utilize ready-made blocks of code to help us get started quickly. Combine that with cross-browser compatibility and CSS-Less functionality, many hours of coding was saved so we could focus on other functionality. It also offered many advantages such as responsive design and consistency. | Bootstrap tutorial:  <http://www.w3schools.com/bootstrap/>  <http://getbootstrap.com/>  Bootstrap components in product source code (“css”, “fonts”, “js”)  (1. bootstrap-3.3.7-dist) |
| I created mock ups for the student portal and teacher portal based on client requirement and the available template in Bootstrap website. | We showed our first design for the portal to client and they loved it; they liked the idea of making the portal look more friendly and easier for student and teacher to use. They liked how we organized different sections into separate box like QUT blackboard. However, they did not like the color theme of first design, so made some changes based on their feedbacks, which we are currently using. | Sample page of the first design and some simple wireframes for new designs (top bar and right navigation)  (2. UI designs) |
| Based on the wireframes, I coded the static HTML using Bootstrap elements. This includes every pages in the student portal and teacher portal. This is my biggest contribution to this project. | It gave the client first look of how we would make the portal with the basic UI components and static information, how users navigate between pages. Also, every website need the static page first before actually add functionality to it, so this was very important. The final user interfaces used in the project. | I made all the static HTML pages in the student and teacher portal including every UI element, but I just show the main page of the portal as it was the hardest part when I started the project.  (3. Static pages) |
| I did the research on the internet to find solution for the student and teacher timetable, and found FullCalendar, a JavaScript event calendar. Then I implemented it to our website. | The timetable offered a full-size event calendar with many useful elements like users could view timetable monthly or weekly. It was also easy to manage and connect to our database | Tutorial: <https://fullcalendar.io/docs/>  Timetable JavaScript code  (4. Timetable) |
| Helped to produce release and sprint plan with the estimated time and story point based on my experience of programming | The final first sprint and release plan. | My contribution was in the task description and estimated time.  (5. Release and sprint plan) |

1. Release 2

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| The work I have done during the release | Its contribution to the product | Evidence of the work (artefact). *Check the “Release 2” folder* |
| I redesigned and change the layout of public pages as required by client team to make it more consistent across the website. I changed the top navigation bar and added the dropdown login box on the navigation bar. | With the new navigation bar, the public page looked better and cleaner, also it ensured the consistence between the portals the public pages. The client team really liked the new login feature as that was what they expected. | I had to change all pages for the public website, but I will show the main page as example of my work.  (1. Public page redesign) |
| I changed the layout of enrolment form, made it cleaner and easier for the users to interact with. | we used it as the final form in our project. | The HTML code just for that enrolment form.  (2. Enrolment form) |
| Changed layouts for learning material page as request from team member, so he could easily connect data to the database and implemented functionality. Also, I added form for teacher to make an announcement. | Final learning material layouts for both student and teacher portals. | The scripts for learning material page  (3. Learning materials) |
| I changed the user interface for the management page using same layout as the portal. | The final layout for management page used in the project. It also kept the consistency of the website. | The scripts for the management page.  (4. Management page) |
| I set up and managed our Git repository, made the “snapshots” of every point in time in the project’s history and prepared project release for “Release Assessment”. I also organized, cleaned up our source code, and added comments to the code. | The final version control Git repository. The consistency of source control has been undertaken. | Not sure what to put here as it was done throughout the entire project. I just show the screenshots of the Git contributions and Release updates.  (5. Git management) |