# Project Progress Tracking Form

IS52018C Software Projects 201920

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| --- | --- |
| **Project Name** | *Scale Shelves* |
| **Concept** | *A smart shelf with weight sensors that sends stock information to an app.* |
| **Project Number** | *24* |
| **Document Start Date** | *Week 6 of Term 1* |
| **Business Plan Objective** | *Increase the efficiency of inventory management, reducing time spent on it and occurrences of items being out of stock.* |
| **Sponsor/Supervisor** | *Frederic Fol Leymarie* |
| **Project Manager** | *Jasper Robinson* |
| **Gitlab space** | <https://gitlab.doc.gold.ac.uk/softproj24/smart-inventory-shelves> |

|  |  |  |
| --- | --- | --- |
| **Budget/hrs** |  | |
| Resource Name (Student Name) | | Budget/hrs |
| *Francis Aquino* | | *232 hrs* |
| *Jignesh Devji* | | *232 hrs* |
| *Marisa Doyne* | | *232 hrs* |
| *Christopher Mayes (Chris)* | | *232 hrs* |
| *Elhassania Ghazoini (Ania)* | | *232 hrs* |
| *Jasper Robinson* | | *232 hrs* |

**Objective/Scope**

* *Phase 1: Identifying the concept: Come up with ideas, discuss, decide, perform market research, refine the concept.*
* *Phase 2: Defining the concept. Continued stakeholder interaction to refine requirements, creating lists of scenarios and modelling those scenarios (UML).*
* *Phase 3: Prototyping the concept: Research, development of lo-fi prototype, development of hi-fi functional prototype, development of technical prototype, testing.*
* *Phase 4: Refining Specification and creating concept proposal.*
* *Phase 5: Development & Testing*
* *Phase 6: Testing, Creating presentation and final report.*

**Milestone Plan and Revision Plan**

|  |  |  |  |
| --- | --- | --- | --- |
| Milestone ID | Revision Plan, including budget revision | Milestone Date | Resources Required |
| *1 Concept proposal* | *No change* | *11/10/19* | *All 2-3 Hrs* |
| 2 Requirements and Market study | No change, more extensive market research and interviews being to continue after. | 18/10/19 | All 2-3 Hrs |
| 3 Concept Design Model | No change, Models will be refined and improved before the final report. | 25/10/19 | All 3-4 hrs |
| 4 Prototype activity report | No change | 22/11/19 | All 14-28 hrs (total 4 weeks) |
| 5 Technical Specification | No change | 6/12/19 | All 2-3 hrs |
| 6 Kanban Backlog | Done quite rushed, end of term and report due - I had no time for it and other team-members also had commitments. A better version to be updated later | 13/12/19 | Two or three members 1-3 hrs each |
| Group Report Project Proposal | No change | 13/12/19 | (Three weeks) All members 8-20 hrs each |
| 7 Testing Plan | Done quickly – could do with refinement | 31/1/20 | All members 0.5-1hr |
|  |  |  |  |
| Arduino -Dev | No delay done in time | 13/3/20 | Marisa  ? hrs |
| Web Server - Dev | Pushed back 2 -3 weeks due to unexpected | 13/3/20 | All  ? hrs |
| Database - Dev | Pushed back 2 -3 weeks due to unexpected | 13/3/20 | Jasper & Chris  ? hrs |
| Design -Dev | Pushed back 2 -3 weeks due to unexpected overhaul ran into problems | 13/3/20 | Elhassania  ? hrs |
| HTML pages/Implementing design | Pushed back 2 -3 weeks due to unexpected, overhaul ran into problems temporary UI improved instead | 13/3/20 | Jignesh & Jasper  ? hrs |
| Final Report | Should be on time | 15/5/20 | All members 10- 20 hrs |
| *Milestone n* | *Record reasons for changes to the milestone plans* | *Date for the milestone to be delivered. Cross through and replace with new date if the plan changes.* | *Resources that you will need to commit to achieve this milestone.*  *Student 1: x hrs*  *:*  *Student n: y hrs*  *Cross through and enter new resource commitment details if the plan changes.* |

**Status/Progress**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | Task ID | Progress & Status | Resources Used: Name & hrs |
| *11/10/19* | *M1 Concept proposal* | *M1 submitted. Decided on a project.* | *Francis - 0*  *Jignesh - 2*  *Marisa – 2.5*  *Christopher – 2.5*  *Elhassania – 2.5*  *Jasper - 2* |
| *18/10/19* | M2 Requirements and Market study | M2 submitted, refined project focus, interviews and market research for changed focus ongoing. | Francis – 3  Jignesh – 4  Marisa – 1.5  Christopher – 2.5  Elhassania – 2.5  Jasper – 2.5 |
| *25/10/19* | M3 Concept Design Model | M3 submitted, Models made for key areas of the app. These models may be expanded in the future | Francis – 2.5  Jignesh – 5  Marisa – 3.5  Christopher - 6  Elhassania – 7  Jasper – 10 |
| *3/11/19* | M4 Prototype activity report | Preliminary Prototype research done. Some lo-fi diagrams made. Waiting on members reports on research and specifics of what’s achievable for our prototype. | Francis - 2  Jignesh - 0  Marisa – 4.5  Christopher - 4  Elhassania – 6  Jasper – 7.5 |
| *10/11/19* | M4 Prototype activity report | Lo-fi prototype mostly done, List of specifications for Hi-fi prototypes generated. | Francis - 2  Jignesh - 0  Marisa – 8.5  Christopher - 0  Elhassania - 5  Jasper – 7 |
| *14/11/19* | M4 Prototype activity report | Progress on making Hi-fi prototype ready for stakeholder testing next week. | Francis – 2.5  Jignesh - 0  Marisa – 3  Christopher - 4  Elhassania – 5  Jasper – 5 |
| *22/11/19* | M4 Prototype activity report | *Finished making Hi-fi prototype, testing with stakeholders and creating a technical prototype.* | Francis - 4  Jignesh - 8  Marisa – 4.5  Christopher - 8  Elhassania – 12  Jasper – 13 |
| 13/12/19 | *Group Project proposal & M6 Kanban Backlog* | *3 weeks, Project proposal completed , M5 Technical specification and M6 Kanban created* | Francis – 5.5  Jignesh - 9  Marisa – 11  Christopher – 14.5  Elhassania – 16  Jasper – 28 |
| 9/2/20 | *M7 Testing, Christmas holidays and first 4 weeks of development* | *M7 testing created – but could do with refinement. Development started slow, but think most have focussed on learning about how to build a Node Express app.* | Francis – 18.5  Jignesh - 24  Marisa – 45  Christopher – 23.5  Elhassania – 26  Jasper – 41.5 |
| 19/4/20 | *Approximate cut off for delayed end of development and full focus change to essay (10 weeks)* | *Shelf built, site works with most functionality implemented and Report work started.*  *Site and shelf were close to completion for original deadline, extension allowed development to slow and members focus on other subjects and things.* | Francis – 55  Jignesh - 69  Marisa – 58.5  Christopher – 31  Elhassania – 45  Jasper – 81 |
| 15/5/20 | *Final Report* |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Cumulative Resource Usage/hrs** | | | |
| Revision Date | Resource Name | hrs Used | hrs Remaining |
| *30/9/19* | *Francis Aquino* |  | *232* |
| *11/10/19* | *Nothing reported* |  |  |
| *18/10/19* | *Market Research* | *3* | *229* |
| *25/10/19* | *- UML research*  *- Writing Scenarios/sequence notes*  *- Attending Interviews* | *0.5*  *1*  *1* | *226.5* |
| *3/11/19* | *- Prototyping research* | *1* | *225.5* |
| *10/11/19* | *-* Creating Use Cases/Scenarios/Sequence Lists | *2* | *223.5* |
| *14/11/19* | - LoFi Sketch and Storyboards  *-* HiFi Sketches & Prototypes | *2*  *0.5* | *221* |
| *22/11/19* | *- LoFi Sketch and Storyboards*  *- HiFi Sketches & Prototypes*  *- Attending Interviews* | *2*  *1.5*  *0.5* | *217* |
| *29/11/19* | *-Working on Concept Proposal: Prior Knowledge & Market Survey* | *3* | *214* |
| *6/12/19* | *- Reviewing Concept Proposal*  *- Working on Concept Proposal: Conclusion* | *1*  *1* | *212* |
| *13/12/19* | *- Typing Up Kanban Backlog M6* | *0.5* | *211.5* |
| *12/1/20* | *-* Learning Node and express through tutorials and textbook | *13* | *198.5* |
| *19/1/20* | *-* Learning Node and express through tutorials and textbook  - Preparation and research for Arduino/LoadCell work | *1*  *1* | *196.5* |
| *26/1/20* | *-* Learning Node and express through tutorials and textbook | *1* | *195.5* |
| *2/2/20* | *- Creating MySQL database map/proposal* | *2.5* | *193* |
| *9/2/20* | *Nothing reported* |  |  |
| *16/2/20* | *Nothing reported yet* |  |  |
| *23/2/20*  *Reading week* | *- Working on functions to interact with database*  *- Learning about dynamic routing and using SQL within Node*  *- Learning about CSS grid and creating layouts* | *2*  *3*  *1* | *187* |
| *1/3/20* | *- Reaserching testing*  *- Meetings with members*  *- Researching functions/How to implement into database*  *- Accessing the Web Server/Testing* | *3*  *1*  *5*  *1* | *177* |
| *6/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- Group communication / updating documents*  *- html / css user interface* | *1*  *1*  *2* | *173* |
| *15/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- researching database functions* | *1*  *10* | *162* |
| *22/3/20* | *- Creating working functions*  *- Testing warning system in own application* | *8*  *5* | *149* |
| *29/3/20* | *- Implementing Warning System/Extra features (didnt work)*  *- Looking at how to document project* | *7*  *2* | *140* |
| *5/4/20* |  |  |  |
| *12/4/20* |  |  |  |
| *19/4/20* | *- Testing Web Application* | *2* | *138* |
| *26/4/20* | *- Group Team Meeting* | *1* | *137* |
| *3/5/20* | *- Group Team Meeting*  *- Writing Next Steps for Final Report* | *1*  *3 (so far)* | *133* |
| *10/5/20* |  |  |  |
| *27/4/20* | *Francis Aquino* | *z1 (26 weeks) hrs* | *232 - a1 - b1 … - z1 = 0 hrs* |
| *30/9/19* | *Jignesh Devji* |  | *232* |
| *11/10/19* | *- Thinking up ideas* | *2* | *230* |
| *18/10/19* | *- Market research* | *4* | *226* |
| *25/10/19* | - Stakeholder’s research/writing  - Attending Interviews  - Writing up interview notes | 2  2  1 | 221 |
| *3/11/19* | Nothing reported |  | 221 |
| *10/11/19* | Nothing reported |  | 221 |
| *14/11/19* | Nothing reported yet |  | *221* |
| *22/11/19* | *- HiFi Sketches & Prototypes*  *- Attending Interviews* | *6*  *2* | *213* |
| *29/11/19* | *- Meeting at uni to work through Functional specification* | *2* | *211* |
| *6/12/19* | *- Reviewing Concept Proposal*  *- Working on Concept proposal: UML Diagrams* | *1*  *5* | *205* |
| *13/12/19* | *- Typing Up Kanban Backlog M6* | *1* | *204* |
| *12/1/20* | *-* Learning Node and express through tutorials and textbook | *10* | *194* |
| *19/1/20* | *-* Learning Node and express through tutorials and textbook  - Preparation and research for Arduino/LoadCell work | *2*  *2* | *190* |
| *26/1/20* | *-* Learning Node and express through tutorials and textbook | *2* | *188* |
| *2/2/20* | *Nothing reported* |  |  |
| *9/2/20* | *-* creating HTML webpages for User Interface  - Learning Node and express through tutorials and textbook | *4*  *4* | *180* |
| *16/2/20* | *- Researching functions* | *4* | *176* |
| *23/2/20*  *Reading week* | *- Learning How to implement and use templating engines*  *- Working on functions to interact with database*  *- Learning about dynamic routing and using SQL within Node*  *- Testing database outputs and commands*  *- Brushing up on CSS grid and creating layouts*  *- Making some views and routes* | *3*  *4*  *4*  *3*  *6*  *3* | *153* |
| *1/3/20* | *- Reaserching testing*  *- Meetings outside of lecture/tutorial hours with members*  *- Working out how to dynamically pre-fill forms with data from MySQL table*  *- Implementing edit item route*  *- Accessing web server/ Testing* | *3*  *1*  *2*  *5*  *1* | *141* |
| *6/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- html / css user interface*  *- Group communication / updating documents* | *1*  *7*  *1* | *132* |
| *15/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- implementing swap shelves route*  *- working out how to and implementing auto calc 100 percent function*  *- working out how to make sticky footer and implementing in html/css* | *1*  *6*  *5*  *0.5* | *119.5* |
| *22/3/20* | *- working out how to show and hide form fields depending on user selection within the form for edit shelf settings*  *- implementing edit shelf settings route* | *3.5*  *5* | *111* |
| *29/3/20* |  |  |  |
| *5/4/20* |  |  |  |
| *12/4/20* |  |  |  |
| *19/4/20* |  |  |  |
| *26/4/20* | *- Group 24 Teams meeting* | *1* | *110* |
| *3/5/20* | *- Group 24 Teams meeting* | *1* | *109* |
| *10/5/20* | *- writing mock formative evaluation section for final report* | *3 (so far)* | *106* |
| *27/4/19* | *Jignesh Devji* | *z2 (26 weeks) hrs* | *232 – a2 – b2 … - z2 = 0 hrs* |
| *30/9/19* | *Marisa Doyne* |  | *232* |
| *11/10/19* | *-Group communication & Admin*  *- Thinking up ideas* | *0.5*  *2* | *229.5* |
| *18/10/19* | *-Group communication & Admin*  *- Market research* | 0.5  1 | 228 |
| *25/10/19* | *- Group communication & Admin*  *- UML research*  - Attending Interviews  - Writing up interview notes | *1*  *0.5*  *1*  *1* | 224.5 |
| *3/11/19* | *- Group communication & Admin*  - Prototyping - Storyboard  - Writing up interview notes | 0.5  2  2 | 220 |
| *10/11/19* | *- Group communication & Admin*  - Attending Interviews  - Writing up interview notes  - Creating Use Cases/Scenarios/Sequence Lists | 1  1  1.5  5 | 211.5 |
| *14/11/19* | *- Group communication & Admin*  *-* Concept Proposal: Stakeholder section | *1*  *2* | *208.5* |
| *22/11/19* | *- Booking Interviews*  *-Attending Interviews*  *- Writing up Interviews* | *1*  *2*  *1.5* | 204 |
| *29/11/19* | *- Working on Concept Proposal: Stakeholders* | *5* | *199* |
| *6/12/19* | *- Working on Concept Proposal: Evaluation*  *- Reviewing Concept Proposal* | *5*  *1* | *193* |
| *13/12/19* | *- Proofreading Concept Proposal & helping with checks* | *2* | *191* |
| *12/1/20* | *-* Learning Node and express through tutorials and textbook | *24* | *167* |
| *19/1/20* | *-* Preparation and research for Arduino/LoadCell work | *6* | *161* |
| *26/1/20* | *-* Preparation and research for Arduino/LoadCell work | *8* | *153* |
| *2/2/20* | *-* Creating MySQL database map/proposal  *-* Preparation and research for Arduino/LoadCell work | *3*  *1* | *149* |
| *9/2/20* | *-* Preparation and research for Arduino/LoadCell work | *3* | *146* |
| *16/2/20* | *- Researching construction and coding for scale shelf*  *- Soldering components for scale shelf*  *- Construction and calibration of scale shelf* | *2*  *3*  *2* | *139* |
| *23/2/20* | *- Construction and calibration of scale shelf*  *- Researching how to output data from Arduino to Web Server*  *- Connecting Arduino to home wifi and outputting test data to a browser*  *- Trying to send data by POST to a browser* | *3.5*  *4*  *2.5*  *3* | *126* |
| *1/3/20* | *- Researching/Testing sending data from Arduino to Webserver using POST*  *- Researching/Testing MySQL Arduino connector solution to data transfer*  *- Researching/Testing connection of Arduino to college networks* | *5*  *5.5*  *1* | *114.5* |
| *6/3/20* | *- Researching/Testing MySQL Arduino connector soln to data transfer*  *- Researching/Testing connection of Arduino to G11 network*  *- Meetings outside of lecture/tutorial hours with members* | *5*  *1.5*  *1* | *107* |
| *15/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- Researching/Testing connection of Arduino to college networks*  *- Testing sending real data from arduino to database*  *- Testing integration of arduino scale, database and application* | *1*  *2*  *1.5*  *1.5* | *101* |
| *22/3/20* |  |  |  |
| *29/3/20* |  |  |  |
| *5/4/20* |  |  |  |
| *12/4/20* |  |  |  |
| *19/4/20* | *- Testing integration of arduino scale, database and application*  *- Developing test cases for web application* | *2*  *11.5* | *87.5* |
| *26/4/20* | *- Developing test cases for web application*  *- Group 24 Teams meeting* | *13*  *1* | *73.5* |
| *3/5/20* | *- Group 24 Teams meeting*  *- Developing test cases for web application* | *1*  *12.5* | *60* |
| *10/5/20* | *- Testing Section* | *5 (so far)* | *55* |
| *27/4/19* | *Marisa Doyne* | *zn (26 weeks) hrs* | *232 – an – bn … - zn = 0 hrs* |
| *30/9/19* | *Christopher Mayes* |  | *232* |
| *11/10/19* | *- Thinking up ideas*  *- Writing up milestone* | *2*  *0.5* | *229.5* |
| *18/10/19* | *- Market research* | *2.5* | *227* |
| *25/10/19* | - Stakeholder’s research/writing  *- UML research*  *- Making UML diagrams*  *- Attending Interviews* | *1*  *3*  *1*  *1* | *221* |
| *3/11/19* | *- Prototyping research*  *- Prototyping storyboard* | *1*  *3* | *217* |
| *10/11/19* | *Nothing reported* |  |  |
| *14/11/19* | *-LoFi Sketch and Storyboards* | *4* | *213* |
| *22/11/19* | *- Technical prototype/Hi-fi sketches*  *- Group communication/ admin/ gitlab* | *7*  *1* | *205* |
| *29/11/19* | *- Uploading documents, wiki/git maintenance*  *- Meeting at uni to work through Functional specification* | *1*  *2* | *202* |
| *6/12/19* | *- Reviewing Concept Proposal*  *- Reading Software Engineering Textbook (for relevant info)*  *- Group communication / updating wiki pages* | *1.5*  *1*  *2* | *197.5* |
| *13/12/19* | *- Writing sections*  *- Redrafting document* | *6*  *1* | *190.5* |
| *12/1/20* | *-* Learning Node and express through tutorials and textbook | *12* | *178.5* |
| *19/1/20* | *-* Learning Node and express through tutorials and textbook  *-* Preparation and research for Arduino/LoadCell work | *1*  *3* | *174.5* |
| *26/1/20* | *-* Preparation and research for Arduino/LoadCell work | *5* | *169.5* |
| *2/2/20* | *-* Creating MySQL database map/proposal | *2.5* | *167* |
| *9/2/20* | *Nothing reported* |  |  |
| *16/2/20* | *- Learning How to implement and use templating engines* | *2* | *165* |
| *23/2/20* | *- Working on functions to interact with database* | *6* | *159* |
| *1/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- Creating delete function route*  *- Researching functions/How to implement into databse* | *1*  *10*  *4* | *144* |
| *6/3/20* | *- Meetings outside of lecture/tutorial hours with members* | *1* | *143* |
| *15/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- researching database functions* | *1*  *6* | *136* |
| *22/3/20* |  |  |  |
| *29/3/20* |  |  |  |
| *5/4/20* |  |  |  |
| *12/4/20* |  |  |  |
| *19/4/20* |  |  |  |
| *26/4/20* | *- Group 24 Teams meeting* | *1* | *135* |
| *3/5/20* | *- Group 24 Teams meeting*  *- Creating user guide* | *1*  *9* | *125* |
| *10/5/20* | *- Video Guide* | *2 (so far)* | *123* |
| *27/4/19* | *Student n* | *zn (26 weeks) hrs* | *232 – an – bn … - zn = 0 hrs* |
| *30/9/19* | *Elhassania Ghazoini* |  | *232* |
| *11/10/19* | *- Thinking up ideas*  *- Writing up milestone* | *2*  *0.5* | *229.5* |
| *18/10/19* | *- Market research* | *2.5* | *227* |
| *25/10/19* | - Stakeholder’s research/writing  *- UML research*  *- Writing scenarios and sequence notes*  *- Making UML diagrams*  *- Attending Interviews*  *- Writing up interview notes* | *1*  *2*  *1.5*  *1*  *1*  *0.5* | *220* |
| *3/11/19* | *- Prototyping Research*  *- Prototyping Storyboard* | *4*  *2* | *214* |
| *10/11/19* | - Creating Use Cases/Scenarios/Sequence Lists | *5* | *209* |
| *14/11/19* | *-* breaking down tasks  - Lo-fi sketch and Storyboards | *1*  *4* | *204* |
| *22/11/19* | *- Lo-fi Sketch and Storyboard*  *- Hi-fi Sketches & Prototypes*  *- Group communication + admin + gitlab* | *7*  *4*  *1* | *192* |
| *29/11/19* | *- Uploading documents, wiki/git maintenance* | *8* | *184* |
| *6/12/19* | *- Working on Concept Proposal: Prototyping*  *- Reading Software Engineering Textbook (for relevant info)*  *-* Group communication / updating wiki pages | *4*  *1*  *2* | *177* |
| *13/12/19* | *-* Redrafting document | *1* | *176* |
| *12/1/20* | *-* Learning Node and express through tutorials and textbook | *17* | *159* |
| *19/1/20* | *-* Wiki, communication, updating Kanban etc. | *1* | *158* |
| *26/1/20* | *-* Updating activity log document & tasks | *2* | *156* |
| *2/2/20* | *-* Creating MySQL database map/proposal | *3* | *153* |
| *9/2/20* | *- Preparation and research for SQL* | *3* | *150* |
| *16/2/20* | *- Testing research* | *7* | *143* |
| *23/2/20* | *-Preparation and research for html CSS -Creating User interface html CSS*  *- Learning How to implement and use templating engines* | *3*  *5*  *2* | *133* |
| *1/3/20* | *- Writing summaries usefull for testing stage*  *- Meetings outside of lecture/tutorial hours with members* | *3*  *1* | *129* |
| *6/3/20* | *- Working on Html / css user interface*  *- Meetings outside of lecture/tutorial hours with members*  *- Writing milestone8 documentation* | *8*  *1*  *2* | *118* |
| *15/3/20* | *- Meetings outside of lecture/tutorial hours with members* | *1* | *117* |
| *22/3/20* |  |  |  |
| *29/3/20* | *- Creation and Update of css files of first website created (not used as failed to connect it to the database)*  *- CSS work on mockup template* | *9*  *3* | *105* |
| *5/4/20* |  |  |  |
| *12/4/20* |  |  |  |
| *19/4/20* |  |  |  |
| *26/4/20* | *- Group 24 Teams meeting* | *1* | *104* |
| *3/5/20* | *- Group 24 Teams meeting*  *- Update CSS mockup website files*  *- Updated website mockup*  *- Writing design and development report draft* | *1*  *5*  *2.5*  *6* | *89.5* |
| *10/5/20* |  |  |  |
| *27/4/19* | *Elhassania Ghazoini* | *zn (26 weeks) hrs* | *232 – an – bn … - zn = 0 hrs* |
| *30/9/19* | *Jasper Robinson* |  | *232* |
| *11/10/19* | *- Thinking up ideas* | *2* | *230* |
| *18/10/19* | *- Market Research*  *- Writing up milestone* | *2*  *1* | *227* |
| *25/10/19* | *- Stakeholders research/writing*  *- Researching UML*  *- Writing scenarios and sequence notes*  *- Making UML diagrams*  *- Attending Interviews*  *- Writing up interview notes* | *1*  *2*  *1.5*  *3*  *2*  *0.5* | *217* |
| *3/11/19* | *- Creating Gitlab space, moving all documents to the wiki, organising the wik, linking pages and adding extra pages and information.*  *- Prototyping research*  *- Prototyping sketch* | *6*  *1*  *0.5* | *209.5* |
| *10/11/19* | - Group Administration/ wiki maintenance  *- Researching project management and GANNT charts*  *- Making a GANNT chart*  - Creating prototyping wiki page and breaking down tasks | *1*  *2*  *1*  *3* | *202.5* |
| *14/11/19* | *- Lo-fi Sketches/ mock-ups*  *- Hi-fi Sketches/ prototyping*  Group Communication & Administration | *1*  *1*  *3* | *197.5* |
| *22/11/19* | *- Lo-fi sketch and storyboards*  *- Making the Hi-fi functional prototype*  *- Attending Interviews*  *- Writing up milestone*  *-Group Admin / communication/ updating tracker* | *1*  *8*  *2*  *1*  *1* | *184.5* |
| *29/11/19* | *- Uploading documents, wiki/git maintenance*  *- Breaking down Concept proposal/ functional specification on git wiki (for those not in the lecture)*  *- Meeting at uni to work through Functional specification*  *- Typing up notes from meeting on functional specification* | *1*  *2*  *2*  *0.5* | *179* |
| *6/12/19* | *- Reading Software Engineering Textbook (for relevant info)*  *- Writing Design section + making updated use case diagram*  *- Writing summary of Kanban backlog and M6 (for those not in the lecture)*  *- Group communication / updating wiki pages*  *- Typing up m5 + making system diagram* | *1.5*  *2.5*  *0.5*  *1*  *2* | *171.5* |
| *13/12/19* | *- Writing sections (intro, ethical audit, SRS, Project management)*  *- Redrafting sections and document*  *- Neatening document: creating and updating images (and legends), formatting references, writing appendix, layout* | *4*  *8*  *4* | *155.5* |
| *12/1/20* | *-* Learning Node and express through tutorials and textbook  - Wiki, communication, updating kanban etc. | *12*  *2* | *141.5* |
| *19/1/20* | *-* Learning Node and express through tutorials and textbook | *3* | *138.5* |
| *26/1/20* | *-* Learning Node and express through tutorials and textbook  - Updating wiki creating dev pages and updating activity log document | *3*  *1.5* | *134* |
| *2/2/20* | *-* Learning Node and express through tutorials and textbook  - Creating MySQL database map/proposal  -Write up m7 testing plan | *3*  *3*  *0.5* | *127.5* |
| *9/2/20* | *-* Learning Node and express through tutorials and textbook  *- Create Basic Node Express web server setup in repo*  *- Trying to implement database schema in MySQL Workbench*  *- Creating List of targets - updating activity log - group communication* | *4*  *1.5*  *6.5*  *1.5* | *114* |
| *16/2/20* | *- Fixing Db – Weds*  *- Fixed Db, inserting dummy data*  *- Summarising Db, making ER diagram, linking db to devserver*  *- Writing breakdown of functions to wiki* | *2*  *3*  *1.5*  *2* | *105.5* |
| *23/2/20* | *- Learning How to implement and use templating engines – Mon*  *- Learning about Model View Controller setup & Node – Weds*  *- Updating dev, web server wiki page explaining setup*  *- Learning about dynamic routing and using SQL within Node -Fri*  *- Testing database outputs and commands*  *- Brushing up on CSS grid and creating layouts*  *- Learning about dealing with async code in Node -Sat*  *- planning and updating database schema to v2*  *- Making add item, shelf view functions, some views and routes* | *3.5*  *3*  *1*  *4*  *2*  *1*  *4*  *3*  *6* | *78* |
| *1/3/20* | *- Reworking server setup to be more similar to data and the web setup*  *- Writing summary of current routes on server*  *- Creating site map diagram*  *- Meetings outside of lecture/tutorial hours with members* | *0.5*  *0.5*  *1*  *1* | *75* |
| *6/3/20* | *- Fixing item setup and shelf overview when a shelf is empty*  *- Meetings outside of lecture/tutorial hours with members* | *4*  *1* | *70* |
| *15/3/20* | *- Meetings outside of lecture/tutorial hours with members*  *- Cleaned up route files, added shelf overview page, linked pages better, updated UI, finished item setup, made and updated to database v3* | *1*  *8* | *61* |
| *22/3/20* | *- Improved shelf selectors, added validation to forms, worked out how to hide unneeded form fields and performed testing and bug fixing.* | *8* | *53* |
| *29/3/20* | *- Made overview sortable, added a way to manually add weight data on site, some testing.* | *6* | *47* |
| *5/4/20* | *- Updated CSS of Shelf overview and shelf details and cleaned up site a bit* | *4* | *43* |
| *12/4/20* | *- Got everything set up on server checked all functions work and fixed url routing issues* | *4* | *39* |
| *19/4/20* | *- Created route to work with arduino shelf in item setup and testing* | *6* | *33* |
| *26/4/20* | *- Added comments to all routes, small bug fix*  *- Group 24 Teams meeting* | *2.5*  *1* | *29.5* |
| *3/5/20* | *- Group 24 Teams meeting*  *- Added wiki pages for sections and admin*  *- Drafted Plans for Implementation and Development record, reading textbook and lecs* | *1*  *1*  *2* | *25.5* |
| *10/5/20* | *- Draft of Implementation and Development Record sections* | *4* | *21.5* |
| *27/4/19* | *Jasper Robinson* | *zn (26 weeks) hrs* | *232 – an – bn … - zn = 0 hrs* |