

Week of Monday 2/1/21 to Sunday 2//21 - 20 hours

- Attended the orientation session.
- Contacted all the project contacts, heard back from 1 professor, Faculty CIS professor Harry Goldberg agreed to supervise me .
- Consulted with the professor before submitting final proposal, professor suggested me to put the outcomes and what I hope to learn form all this.
- Added reminders to my calendar of all the due dates for the semester.
- Submitted Final proposal (2/19/2021)

Week of Monday 2/22/21 to Sunday 3/5/21 ~20~25 hours

- Uploaded a excel file showing project status in my GitHub which shows some due dates such as the interim report which will be due April 9Th.
- I got researching, Online looked through the available stores, and thoroughly checked some examples of the front end of the different web stores / ecommerce stores, Learned some different types of ecommerce.
- There are 3 main types of ecommerce platforms on the market: open source, saas , and headless commerce.
- <https://www.coursera.org/specializations/web-design> coursera has a great course on front end web dev which I started the tutorial of, it includes some of the technologies ill be using like the Bootstrap (Front-End Framework), Cascading Style Sheets (CCS).
- Also checked some Source of different HTML and trying to make the frontend of the proposed project.
- I started working on the home page of website which is currently in progress and I also started the database planning to save the different data for users as well as for admin. Still aren't sure about which sample products should put. ill be working on that over the week and doing more research.
- Tables has been written and the relationship between different has been prepared. Next few weeks ill be uploading some screenshots of them and some source codes of the Home page which is what I am currently working on.
- Communicated with supervisor about the current progress, informed about the progress for the frontend of the project, also informed about the different learning materials being used such as coursera,youtube, etc.informed on (3/5/2020).

Week of Saturday 03/6/21 to Friday 03/19/21~ 32 hours

- Still working on FrontEnd and trying to work with php as well, Available website like Amazon and Alibaba.com have been checked and observed on how they function and look.~ 80% percent complete
- Watched PHP tutorial on creating login pages, researched the different methodologies of creating one.
- The login and registration for user has been developed.
- Different pages for development have been added.
- Feature ~ Adding a new product into system page has been developed.
- Database has been created using MySQL Queries.
- Had some issues with Xampp server some pages weren't loading, discovered that I was running the php pages from OneDrive directory, realized that I initially supposed to run it on the c/ drive from the htdocs folder from within the XAMpp Server page (Local Host). I had to read an article for the fixing of this issue. Xampp help forms was very helpful in this case.
- Worked on the literature review – researched top Ecommerce websites and wrote a report on what they do and why they are so successful with their ecommerce systems and websites, highlighted functionalities of each of them. See attached literature review, also available on my Github 4900 project page.
- Found a book called PHP Notes for Professionals, after starting the actual process I saw that maybe before continuing this project, I should spend more time gathering information and making sure I'm more familiar with different syntax and documentation so I'm not spending as much time googling all the errors.
- Reported, discussed changes and project progress to supervisor on 3/18/2021.
- Working on /and drafting interim report which will be due April 9th , panning to make/ send another update to supervisor before the interim report deadline .
- Will start the backend process after interim report has been submitted and confirmed with supervisor.
- Some Product / php pages has been added / committed to my github repository, will be adding more as i revise them/ complete them.

Front End Progress/Status – Pages Added -

1. Index Page ~ 85 % complete
2. Add Product page ~70 % complete.
3. Category Page ~ 80 % complete

4. Login page ~ 75 % complete
5. Contact-us page ~ 90 percent complete
6. About us page – complete/revising
7. Overall Progress of frontend ~80-85% complete

Week of Monday 03/20/21 to Sunday 04/8/21 ~ 28 hours

- Literature reviews has been done.
- Received feedback from supervisor encouraging project management and its importance discussed with supervisor received OK.
- Development strategies has also been checked in detail and described in detail that how it will get implemented in this project and how this can improve the development structure of the website. It has also demonstrated the pros and cons of different development strategies.
- Started creating Class Diagrams, Sequence diagrams and Database diagrams has been developed. Followed along <https://www.youtube.com/watch?v=ztHopE5Wnpc> ~5hrs.
- Database has been created using MySQL Queries. ~10hrs also followed <https://www.youtube.com/watch?v=HXV3zeQKqGY> for better understanding of SELECT statements syntax.
- Added Source code of some different pages of the website on my GitHub(<https://github.com/saqlain797/CISC4900.git>)
- Different pages have been added on the website and the admin panel have been added which is required and important for the administrative of the system.
- Preparing and submission of the Interim Report Form, Interim Report (describes the updated details of the project), and interim Project log (shows project-related activities since the start of the semester) to supervisor for evaluations and 4900 websites drobox.

Front End Progress/Status (Design) – Pages Created/coded – Update (4/6/2021)

1. Index Page ~ 90 % complete
2. Add Product page ~80 % complete. UPDATE - search option has been added to search the products within the site by different users.
3. Category Page ~ 80 % complete
4. Login page ~ 80 % complete – Users can now create their own accounts within the site.
5. Contact-us page ~ 90 percent complete

6. About us page – complete/revising
7. Overall Progress of frontend ~85-90% complete
8. Literature reviews has been done Researched 2 most popular Ecommerce systems, Amazon, and Alibaba, shopify looked at their pros and cons and wrote a report.

Week of Friday 04/09/21 to Wednesday 04/21/21 – 20 hours

- Website has been developed and almost in test phase, continued the php development tutorial videos (following along key concepts similar to my system).
- Writing some sections of report in details to explain the project deeply.
- All the required diagrams related to report has been done and Figure details to be added.
- Trying to improve the Interfaces of the website. Checking important features such as the add to cart button/ database connection.
- Discussed with supervisor about final report and some test cases that's needs to be meet, will be send a demo of website before the final report, with all functionalities in action (in a short video clip).

#### Project Key Parameters Comments

Index Page: Complete :The project is 75% complete. Website has been developed and almost in test phase.

Add Product page: On-Track: All the required diagrams related to report has been done and Figure details to be added

Scope: On-Track : All ok.

Login page: Complete: Database created using sql queries to store cart information, user information, and login information.

About us page On-Track: Still adding some information for display purposes.

Issues On-Track : No major issues. Trying to improve the Interfaces of the website mostly the UI, noticed a few bugs causing the add to card button to not be displayed during the checkout process.

Bug resolved using an online article (debugging js file script code).

Week of Wednesday 04/21/21 to Thursday 04/29/21 – 15 hours

The website has been developed and currently in the test phase, with minor bugs and grammar/style of the website still in progress and need to be improved.

Still Writing some sections of the report in detail to explain the project deeply, Created DEMO video, will add it to my GitHub soon and all the required project files/source code.

All the required diagrams related to reporting have been done and Figure details to be added.

Trying to improve the Interfaces of the website, bug discovered on the admin panel (should be on track to fix it before final report).

Added JavaScript files to my GitHub which includes jQuery files and the CSS files (implemented using Bootstrap).

As far as the project progress, currently looking over all the documentations, bugs (product Insert page(admin)), and trying my best to improve the UI of the website, worked on the Demo over the weekend to show the main functionalities of the website with comments and annotations on the DEMO clip for better understanding of the system.

Project Key Parameters: Comments:

Index Page: Complete /Demo shown to supervisor for feedback/thoughts. The project is 80% complete. The website has been developed and is in the test phase.

Add Product page / Final functionality details On-Track /Demo shown. All the required diagrams related to reporting has been done and Figure details to be added.

Scope -On-Track -All ok. On track for final report/deliverables.

Login page: Complete /demo shown: Database created using SQL queries to store cart information, user information, and login information.

About us page: On-Track /demo shown: Still adding some information for display purposes.

Issues: On-Track No major issues. Trying to improve the Interfaces of the website and the insert product page needs bug fixing - on track to finish on time.

Week of Friday 04/29/21 to Thursday 05/6/21 – 25hrs hours

- Added Final touches to website, fixed the insert product page on the admin panel, products can now be inserted successfully.
- Tested all proposed system components all are running according to the learning outcomes.
- Demo sent to supervisor, feedback all ok, preparing for final deployment.
- Final Report completed with screenshots of working system, reflection added, PowerPoint presentation in progress.
- Final Log Completed
- Preparing to submit Final Log, Final Report, Final Presentation by Friday (5/7) after Supervisor feedback latest Sunday.
- Submitted Final Report Form, Final report, Final Log, Final Presentations draft to supervisor (5/6/2021), awaiting feedback from supervisor on all 4 documents to go ahead and submit to final drobox link.

• Project Key Parameters		Comments
Project Status	Complete /Demo shown	<i>The project is Complete. The website has been developed according to proposed solution and is in the test phase and integration, Ready for Deployment/ Presentation.</i>
Insert Product page / Final functionality details /Demo Products added	Complete /Demo shown	<i>All the required diagrams related to reporting has been done and Figure details added, with screenshots of each Page created and its source code.</i>
Scope	On-Track	<i>All ok. On track for final report/deliverables.</i>
Login page	Complete /demo shown	<i>Database created using SQL queries to store cart information, user information, and login information.</i>
About us page	Complete /demo shown	<i>Improved/added some information/graphics for display purposes.</i>
Issues	On-Track	<i>No major issues. Trying to improve the Interfaces of the website and the insert product page bug fixed - on track to finish on time.</i>