

| Date | Focus | Hours spent | Minutes spent | weekly hours |
|------------|---|-------------|---------------|--------------|
| 01/07/2025 | Design Doc | 5 | 37 | 8.066666667 |
| 01/08/2025 | Design doc | 1 | 25 | |
| 01/10/2025 | Design doc edits | 1 | 2 | |
| 01/15/2025 | doing research for architecture. (how to set up database to website and other tools) | 1 | 44 | 7.116666667 |
| 01/16/2025 | Working on getting the vite react GUI going | 2 | 36 | |
| 01/17/2025 | got database set up with the basics in mongoDb atlas. Also got the basics of the server set up. And got the basics of search through the marvel API via the server set up | 2 | 47 | |
| 01/20/2025 | Google OAuth2 mostly set up, the actualy profile storage that I wanted to accomplish with MongoDB atlas does not work though. And the communication between frontend and backend is not where I want it | 1 | 40 | 7.966666667 |
| 01/21/2025 | Worked on getting Authentication saved within the database to allow user persitence/session storage and User data retrieval | 2 | 15 | |
| 01/22/2025 | Working on allowing the user to change user information data like username, name, etc. Started working on collection gallery page | 1 | 48 | |
| 01/23/2025 | Working on allowing the user to add comics to a collection from the explore page. | 2 | 15 | |
| 01/27/2025 | Working on research for testing. | | 45 | 7.4 |
| 01/28/2025 | Working on trying out different testing equipment (starting with Vitest to see how well it handles) | 1 | 32 | |

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| 01/29/2025 | updated readme a little bit and talked with professor about testing. Looked slightly into what he recommended | | 56 | |
| 01/30/2025 | Writing tests for UserRoutes and figuring out how testing with this software works as I do so | 2 | 19 | |
| 01/31/2025 | Working on trying to write tests for the database schema. | 1 | 52 | |
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| 02/03/2025 | trying to work on server tests. Got about half of them working (5 out of 12) | 2 | 34 | 7.35 |
| 02/05/2025 | working on getting the rest of the server tests working | 2 | 22 | |
| 02/06/2025 | working out why the authentication mocks are not working and why session storage for my tests does not work. | 2 | 25 | |
| 02/10/2025 | Doing frontend components and pages tests | 1 | 48 | 8.05 |
| 02/11/2025 | updating documentation (readme, etc) | 1 | 53 | |
| 02/12/2025 | finishing up frontend testing | 1 | 46 | |
| 02/13/2025 | Cleaning up all my code and adding comments where necessary. Ran in to a mongoDB issue in the non testing enviroment I didn't catch before so had to figure that out/fix it. also fixing some small bugs and errors in the application (file upload not working just right etc.) | 2 | 36 | |
| 02/17/2025 | Added a delete comics button in the collection folder that i need to add a test for. Fixing a couple tests because I added and deleted a few unnecessary things from the pages and routes on 02/13. | 2 | 23 | 8.1 |

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| 02/18/2025 | Trying to fix a bug where if you have duplicate comics in it and delete one of them it will remove the information for the other but keep the card making it just an empty box until you refresh and then the comic displays information. Changing up some more css to make it more appealing. Noticed a bug where the comic are not displaying creators in the collections page. | 2 | 55 | |
| 02/19/2025 | Added a delete collection button, function, and backend route. Creating tests that i did not get around to yesterday because I was fixing bugs that came up. So the things that I changed needed to have their tests updated and some tests added/deleted as well. | 2 | 48 | |
| 02/24/2025 | Trying to accomplish a partial search with comics (meaning the user no longer has to enter the full title of the comic). Adding different means of searching so it doesn't search JUST by the comic title. | 2 | 17 | 8.016666667 |
| 02/25/2025 | Working entirely on the look and feel of the website. Updating CSS and making it look overall just better Than it does now. | 1 | 32 | |
| 02/26/2025 | Making it so when searched the comics that show up only display thumbnail and title and then when they are clicked it shows a detailed view of the comic. | 1 | 58 | |
| 02/27/2025 | Working on more of the same from yesterday. Layout and feel of the website and how intuitive it is. | 2 | 14 | |
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| 03/03/2025 | Doing a little more work on look and feel (mostly confirmation prompts for deleting things and adding things). Updating tests for the new layout and server paths that have been added since last test update.Finished updating frontend tests but not backend tests. | 1 | 53 | 8 |
| 03/04/2025 | Fixing up and adding backend tests for all the new stuff that has been completed/added since last backend test update. | 2 | 44 | |
| 03/05/2025 | Still trying to figure out that buggy test from yesterday. Moved the route/test back into the server file for authentication purposes and it solved the testing problem. Fixing other small problems. | 1 | 45 | |
| 03/06/2025 | Adding a new feature: favorites. This allows a user to favorite comics and add them to a favorites list. This list will be stored and shown in a new home page of the website. Today mainly focused on getting the home page set up. | 1 | 38 | |
| 03/18/2025 | Starting on sprint 3 on a separate branch on github. Making sure session persistence works debugging for that. | 2 | 32 | 8.95 |
| 03/19/2025 | Trying to set up my website to be hosted on AWS for both frontend and backend. Making sure everything is running correctly for demo today on my laptop. | 3 | 37 | |
| 03/20/2025 | Setting up the backend stuff on AWS and trying to get it to run. | 2 | 48 | |
| 03/24/2025 | Trying to get the AWS backend to work. Currently it is not working or returning anything. | 2 | 49 | 8.316666667 |

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| 03/25/2025 | Doing some research on why axios and passport are not working on elastic beanstalk even though the modules are included in my package.json. | | 54 | |
| 03/26/2025 | Still trying to get backend working. Finally got the backend to respond when i just go to the backend link | 2 | 58 | |
| 03/27/2025 | trying to get https set up for frontend and backend. Need a domain name and a certificate. Looking into options | 1 | 38 | |
| 03/31/2025 | Getting a domain name and setting up https on AWS. | 3 | 24 | 11.35 |
| 04/01/2025 | Trying to get the new domains to be connected. (they given links of AWS work but not the domains i connected to them). Fixed frontend, backend still broken. | 2 | 27 | |
| 04/02/2025 | trying to fix backend connection problems. Was able to get it to call google OAuth2 but it does not return properly | 3 | 5 | |
| 04/03/2025 | Trying to figure out the cookie persistence issue. | 2 | 25 | |
| 04/07/2025 | Working on the same problems as last week, Finally got it to work. | 4 | 37 | 9.583333333 |
| 04/09/2025 | Fixing some layout issues that came up during the AWS switch. Other small issues with looks. | 2 | 26 | |
| 04/10/2025 | Working on sprint4 updates of adding a favorites section to the profile page. First getting local development running again. | 2 | 32 | |

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| 04/14/2025 | Creating a collection card component for the collections so it is not rendered directly in the collection gallery page. Adjusting general css related to collections. Updating some documentation. | 2 | 57 | 9.85 |
| 04/16/2025 | Fixing backend error that caused it to crash. Needed to add more protection to the JSON. Getting feedback on website look and feel | | 55 | |
| 04/17/2025 | Doing more for the backend fixes as I am still getting warnings. Making sure all my older tests still work and run and adding any that are needed. Working on look and feel issues form feedback from other people. | 3 | 33 | |
| 04/18/2025 | trying to fix those backend warnings again (there is less of them but they are still appearing). And then doing more updates from the feedback i recieved. | 2 | 26 | |
| 04/21/2025 | | | | 3.6 |
| 04/22/2025 | | | | |
| 04/23/2025 | Marvel API went down which means that none of the requests for comics will work. Looking into a different API I can use to replace the marvel API. implemented a test API enough that the website is still usable. Finishing up testing and making sure everything runs as it should. Going to push to AWS as well with the new API that is not as good but does work. | 3 | 36 | |
| 04/24/2025 | | | | |
| 04/25/2025 | | | | |
| 04/28/2025 | | | | 0 |
| 04/29/2025 | | | | |

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| TOTAL HOURS | 121.716667 | | | |