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### Thursday, February 2nd, 2023

- Everyone was able to access the Figma prototype through the invite links sent by Jeffrey.
- Chris and King need a minimum entity/data set to test his backend code's functionality.
  - To this end, Jeffrey set up a LucidChart project that the team can collaborate on to create an ER diagram.
  - Short term goal is to complete the diagram as soon as possible and follow it with a clearer database schema.

### Friday, February 3rd, 2023

- General questions were raised about the finished structure and content of the ER diagram.
  - The ViolationsList attribute is a list of bans or other warnings the user has received to track problematic behavior in the backend.
  - Some attributes overlapped too much and can be simplified by using the ID attribute to join tables.
  - The player/user class will be an aggregator across games to account for potential different user/player names on any given game.
- The application will be a desktop application rather than a mobile application.
- Jeffrey has started practicing creating Figma prototypes to become more familiar with the program.
- Chris and King are continuing their backend development setup.
- The backend is confirmed to be in Django with a Python framework, while the front end will be React.
- Thomas is continuing documentation efforts and overall sprint set up.

#### Saturday, February 4th, 2023

- Standup was a quick check-in with King since his responsiveness had slowed down.
  - King was out on military duty and will be back the following Monday.

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### Sunday, February 5th, 2023

- Chris is checking in on the initial Django project with the simple react front-end tonight and doing some cleanup on the ER diagram.
  - Needs a wireframe completed in Figma to envision how the API needs to be accessed.
  - Using jetbrains/pycharm and webstorm professional for Django/React environment.
  - Will provide a demo of his progress at Monday's meeting.
- Jeffrey and Thomas set a meeting for Tuesday at 1:30pm to discuss the necessary frames and requirements for the frontend.

#### Monday, February 6th, 2023

• See Sprint Review Meeting Minutes in GitHub Repository

### Tuesday, February 7th, 2023

• See Daily Scrum Documents in GitHub Repository

#### Wednesday, February 8th, 2023

- Chris provided some links for Django tutorials:
  - https://www.valentinog.com/blog/drf/
  - https://realpython.com/django-user-management/#create-a-login-page
  - https://docs.djangoproject.com/en/4.1/
- The team is asking for any links for React tutorials as well.
  - Thomas and Jeffrey will look into this.
- Thomas shared notes recorded of Tuesday's front-end meeting.
- Jeffrey has started work on wireframing the authentication pages and some of the user pages.
  - He will use feedback from those to create more formal prototypes.

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## Friday, February 10th, 2023

- Thomas has looked at Jeffrey's wireframes and provided feedback and changes within Figma. These changes are consolidated into a combined file of all the components as a working prototype.
  - These changes have been approved by Jeffrey, and the ticket is good to be pushed.
- Thomas will work over the weekend to look over the rest of Jeffrey's wireframes and finalize his own. He will also work to get the documentation up-to-date on the GitHub repository.
- Chris and King have been working on the JWT token authentication.
  - King is specifically starting research on alternate SSO methods for Django.
- The BlockList attribute was clarified to be a list of other players that the user has blocked.
- The team needs to develop a layered list of features so that it is easier to understand what is required first and what can be considered more optional.
  - This will be discussed more in-depth at Monday's Sprint Review meeting.

#### Monday, February 13th, 2023

• See Sprint Review Meeting Minutes in GitHub Repository

### Wednesday, February 15th, 2023

- Jeffrey has created the features prioritization sheet and added it to the Microsoft Teams.
   Everyone should take a look at it and add to it.
- Chris and King are continuing work on backend authentication calls.
- Thomas has updated all project documentation on the GitHub repository and will try to be more consistent about getting it updated.

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## Thursday, February 16th, 2023

- Everyone is having trouble accessing Jeffrey's feature prioritization sheet, but no major updates aside from that.
  - This issue was resolved during the stand up meeting.

## Friday, February 17th, 2023

- Thomas checked in with everyone to ensure they saw the announcement on D2L about the updated deadline and upcoming presentations.
  - The presentations will be discussed more in depth during the upcoming Sprint meeting on Monday.
- Thomas went through and edited the feature prioritization document thoroughly so that it
  more accurately reflects the work required this sprint, work planned for the next sprint,
  and items that are of the lowest priority.
- Thomas and Jeffrey finished the wireframe for the login service and selected a color theme for the UI prototype design. Goal is to have a working prototype ready for Monday's meeting.
- Chris and King are continuing on backend services. A few tickets have been moved to code review.

### Monday, February 20th, 2023

• See Sprint Review Meeting Minutes in GitHub Repository

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#### Tuesday, February 21st, 2023

- Thomas has completed the login prototype and all of his wireframes.
- Jeffrey has added a basic structure to the frontend to the GitHub repository and added comments to the code where he is unsure about things.
  - Thomas or anyone should take a look at it when possible.
- Backend efforts are continuing as discussed in the sprint review meeting. More tickets have been pushed into code review.
- Thomas and Jeffrey are set to meet Wednesday at 2:00pm about frontend code.

### Wednesday, February 22nd, 2023

- Thomas and Jeffrey are meeting today at 2pm to discuss frontend code.
  - Jeffrey has created a proof of concept using BroswerRouter as a client side library.
  - Utilizing Context API to maintain states.
  - Most of the login page is done. Really needs polishing and backend implementation to be complete.
    - Mainly conceptual at the moment. Working to create reusable components and common styles.
- Thomas has updated the documentation on the GitHub repository so that it is up-to-date and included the main image for the application.

#### Thursday, February 23rd, 2023

- Chris's code can be reviewed by whoever is comfortable.
  - Chris is disabling the authenticated methods on the APIs except for the authentication test PAI to ensure that the login, logout, and basic authentication testing is successful.
- Thomas and Jeffrey are beginning serious development efforts on the testing suite.

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## Friday, February 24th, 2023

- For testing, Jeffrey has found Cypress which is good for automated behavioral testing as well as using Jest and react-testing-library for unit testing.
  - The process has an added complexity due to the usage of BrowserRouter..
  - Thomas and Jeffrey will need to discuss testing efforts further.
- Jeffrey had made changes to the guest homepage and navbar that he and Thomas discussed and pushed them to the GitHub repository.
- Chris and King are continuing backend efforts for the login pages.
  - Chris posted his latest API URL patterns on the Teams chat.
- Thomas will double down on testing and checking over Chris's code through the weekend.

#### Saturday, February 25th, 2023

- Thomas really likes Cypress and Jest as testing methods and will work on getting more familiar with them.
- Jeffrey added initial unit tests to the Github repository and would like some input on it.
- Chris and King will meet Sunday at 1pm to work on the backend code together.
- Thomas added the remaining images used in the prototype to the GitHub repository.

### Monday, February 27th, 2023

See Sprint Review Meeting Minutes in GitHub Repository

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### Tuesday, February 28th, 2023

- Thomas investigated the Cypress automated testing tool and was able to set up the login and registration user tests.
- Thomas and Jeffrey met to cover the Cypress tool and discuss how it can be used.
   Thomas will research whether the current tests cover the behavior-driven tests or not.
- Jeffrey will look into the unit tests as well as integrating the front-end with the backend with Chris and King.
- Chris and King are continuing work on backend functionality and the ERD.

## Wednesday, March 1st, 2023

- Jeffrey is looking to set up a meeting to discuss the integration of the frontend and backend services.
  - Had some questions about the data flow, but Chris is actively working to address these questions with what he is working on.
- Thomas will still look into testing and documentation while King continues working on the backend with Chris.

#### Thursday, March 2nd, 2023

- Thomas has created the midterm/sprint 1 presentation template and added it to Teams. He has also sectioned it out.
- Everyone else is continuing on their previous projects and making steady progress.

#### Friday, March 3rd, 2023

- King and Chris met to continue to mob on the code..
- Jeffrey and Thomas are continuing to work on testing and preparing for frontend integration.

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#### Sunday, March 5th, 2023

- Jeffrey provided King with access to the ER Diagram and it was confirmed that King can access and edit the document.
- Starting today, Thomas is out of town and will be less available when it comes to working on the project for the week..

### Monday, March 6th, 2023

- Thomas will not be able to make the meeting today but will be updating the documentation and taking a look over the testing suite to ensure that everything is looking good.
- Jeffrey is coordinating on a time to discuss integrating the front end and backend login services with Chris and King.
- King is currently on military duty and his schedule is a little less certain and flexible for the week.
- Everyone is flexible for meeting times but will need enough heads-up to adjust schedules as needed.
- The Sprint review meeting was canceled to use that time for application development instead.
- Chris and King are getting closer to pushing their last changes to the GitHub for review and implementation.

#### Tuesday, March 7th, 2023

- Thomas has finished getting the documentation up-to-date.
- Jeffrey added more unit test which brings the suite to 11 unit tests total.
- King and Chris are continuing their efforts on the backend.

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## Thursday, March 9th, 2023

- Overall check-in to see how everyone is feeling about the upcoming deadlines.
  - Thomas reviewed the testing suite and everything is good to go on that end.
  - Jeffrey still wants some work finished on the authentication integration between the frontend and backend.
    - Frontend, aside from integration, is finished.
  - Chris and King are continuing efforts on the backend but feel like they are in a good position for this sprint.

### Sunday, March 12th, 2023

- Frontend is wrapped up so effort is being diverted to the backend and integrating it with the front end.
- Basic registration for a user is working and Chris and King are keeping the player details set up separate for now.
  - The user manager may have to be gutted, but basic integration without full registration is good to go.
- Chris and King are finishing their research articles today.
  - The articles that are currently available are all that have been found. Additional articles will need to be found to continue further research.

#### Monday, March 13th, 2023

• See Sprint Review Meeting Minutes in GitHub Repository

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## Tuesday, March 14th, 2023

- Jeffrey is going to modify the user serializer on the backend so that it stores the first and last name and email of the user.
  - King and Chris approve.
  - Chris would like another set of eyes on the unit serializer to help resolve the blockage he is facing.
    - Jeffrey may be able to help with this later today but it may have to wait until tomorrow.
- Jeffrey also moved the username selection step to the first registration page to get the registration working since that's what the backend registration API looks for to create the user.
  - Other settings may also have to be moved to simplify the backend API calls.
- Everyone is finalizing notes for the research paper as well as working on the presentation.
- Jeffrey is having issues with the the difference between the "player" and "game player" entities.
  - "Player" is the user and all of their account information for the application. The
     "GamePlayer" correlates to their account inside of an individual game.
  - Thomas thinks that for registration and login on a basic level, the team would only need "Player."
- Thomas has updated our meeting, daily scrum, and diagram documentation on the GitHub.

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## Wednesday, March 15th, 2023

- Thomas will assign who needs to cover the recording for each slide. Everyone can change, add, or remove slides as needed for the presentation.
- Chris will cover the literature section content and recordings.
  - Slide 27 is essentially a bibliography slide that will be expanded upon in later slides.
    - Should follow a MLA or APA format.
- Team collaborated of finished the presentation recordings and content for the first Sprint.
  - King will record his sections tomorrow as he has been busy with military duty.
- Jeffrey will look into creating a one shot script that installs all necessary dependencies
  and launches the frontend and backend servers with 1 or a couple of commands just for
  ease of use for the team (or anyone else).
  - Will follow up the following morning.
- (End of Day) Thomas, Chris, and Jeffrey are finished with their slides and recordings.
- Team needs to double check Sprint 1 requirements for the first deliverable.
  - Finalize burndown chart.
  - Upload end-to-end, behavior driven testing results.
  - Get final documentation up-to-date.