Project Status report

Name:	MAKSIM SHAROIKA
Community (UN SD goal):	ACADEMICS / ENGINEERS / PROFESSIONALS INTERESTED IN SDG's PARTNERSHIPS FOR THE GOALS -> TO SUPPORT 16 OTHER SDG's
MVP #	MVP #3
Sprint cycle dates:	November 18th / 2023 to December 8th / 2023

Project Name	**EngiConnect** is a platform to connect Engineers, Professionals, and Academics across the world to share and collaborate on projects that help move the UN SDGs forward.
Blurb	SDGs are interconnected, therefore we cannot solve them one at a time. To facilitate asynchronous development of multiple solutions EngiConnect will be a discussion space for engineers, professionals, and academics to request technical assistance. - Using Goal #17 Partnerships to support solutions to all the other goals - this platform will facilitate communication between engineers, professionals, and academics across the world to share and collaborate on projects that help move the UN SDGs forward. It will be a question/ answer type of platform allowing users to get help with problems they are facing - there have been no significant changes apart from the incorporation an Interactions table to be used to allow for a "record" of who has viewed what posts in the app.
For Week Ending	December 8th / 2023
Project Status	Green
Status Description	The project is completed, and everything that was planned has been completed; this includes new features that were added during the development process. All content population, content organization, user management, and live chat features have been implemented and tested - nothing is left for the MVP process.
Activities—During the past sprint cycle	

This includes the final activities; in most cases, this sprint cycle was code/design refactoring to improve UX and testing.
- Structure:
  - The structure which involves the login, signup, main, read, and write pages has been finished, linked, and **tested.**
- User Functionality:
  - The ability to log in, sign up, and edit your profile has been finished, linked, and **tested.**
- Content Population:
  - The ability to post an issue, favourite/unfavourite an issue, dislike and like an issue, and reply with a solution to an issue - have all been finished, linked, and **tested.**
- Content Organization:
  - The overall schemas of all the data types have been built with substantial metadata for reference to create future features such as SDG type segregation - it has all been finished, linked, and **tested.**
- Live Chat:
  - **This was created and integrated using a web socket connect; multiple devices will communicate data - it can be accessed via the "live chat" button on the main screen of the application.**

Project Issues

There were no large issues during this "sprint"; the testing and refactoring of various features and parts of code went smoothly mostly just to increase reliability and user experience. I would mention the largest problem involving the implementation of a socket connection via a local host; there was an issue where the socket port (3001) would not want to be the same as the API port (3001) - this should work by the manual I was reading but I could not get it (likely due to a MacBook environment issue) so I resulted in changing the port to "3002" and it resolved.

Project Changes

There have been no significant project changes approved - I want to mention a slight change. I was torn between implementing a "live chat" on a per-issue basis or a general "live chat" - I ended up doing a general live chat since it is just an MVP and at the first release of such an application the user count will be low thus should congregate the "active" users into one conversation instead of spreading them and hurting the community.

Activities—Planned for Next Week

The only activities planned for "next week" (this is being written as MVP 3 is due not all the project files are due - they are due next week) are to finalize the report, GitHub, and URCourses to prepare for the final project submission.

Reflection

Do you feel "on track"?
Yes, the application is completed, I am getting a head start on the final documentation, and overall will be finished/submitted about a week in advance.

What progress do you particularly feel good (great) about?
The live chat; was the main focus of this "sprint" and I am very happy to have gotten the socket connection working.

What barriers (if any) do you feel is/are a current impediment to success?
None, the project (MVP) is completed.

What help (if any) do you require to move positively forward?
None, the project (MVP) is completed.

What questions or concerns do you have (if any)?
None, the project (MVP) is completed.