



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 #1
Sprint cycle dates:	October 20th / 2023 to November 3rd / 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 comments regarding GitHub implemented.
For Week Ending	November 2nd / 2023
Project Status	Green
Status Description	The project is ahead of schedule, everything that was scheduled for this sprint has been completed. This is due to the entire navigations being completed, all the screens being completed, and all the visual objects being completed - there still needs to be some REST API calls written and integrated but the project is currently slightly ahead of schedule.
Activities—During the past sprint cycle	

The code is present in all the commits on GitHub prior to November 1st / 2023; in addition, there is a demo video of the current state of the project on GitHub with the title of "Scrum 1 MVP Status".

- Structure:
 - The navigation toolbar was completed and tested. (SDG, Issues, and Settings components)
 - Screen architecture completed and tested. (Login, Signup, and Application screens)
- Basic User Functionality:
 - Ability to log in and sign up along with input validation - backend hooked up, and database setup.
- Data Population:
 - Partial data population done on the front end - still needs to be set up with the backend and database; using REST API standard.
 - Added the idea of SDG tags, and selecting by SDG tags - it is not fully implemented but all the visual front end is complete.
- Content Management
 - Post and reply conditional buttons are complete, there needs to be at least one screen created for them to link to and the API for it.

Project Issues



There have been only two significant issues; the first one is lack of time - I would have liked to get further ahead than I have to focus more on the Study, Plan, Do, Act methodology - the next issue was Camera usage. I have been having a bit of trouble with Camera permission this sprint - this is due to the most reliable React Native camera library being deprecated - therefore I need to either adjust some of the code for new devices (such as iPhone 15 which is my "north star device") or attempt to find any reliable alternatives.

Project Changes

There have been no significant project changes approved - I want to mention a slight change in navigation and structure as compared to the lo-fi and the hi-fi. Upon actual usage of the screen and component changes; I decided that all issues will always appear on the issues screen instead of separate screens to keep it DRY (don't repeat yourself) and instead of screens it is just a parameter that is sent in from various other screens that link to it.

Activities—Planned for Next Week

- User-content Management:
 - o The call for updating user information needs to be implemented; the getter is done but the setter alongside all the validation is not yet complete.
- Favouriting:
 - o I want to add a favourite screen, with the ability to star issues - this would be useful if an issue is very relevant to you and you want to continue conversing about it.
- Image Upload:
 - o The ability to "verify" credentials is important; this can also be used for posts - I assume as another database object that is linked to issues via ID and can be put under posts.

Reflection

Do you feel "on track"?

Yes, I have completed a lot more than expected - and am able to visualize the final product a lot better.

What progress do you particularly feel good (great) about?

Finishing the majority of the front end is what makes me feel "great" - I am not the biggest fan of front-end development (prefer backend) therefore getting a majority of it "out-of-the-way" makes the rest a lot easier.

What barriers (if any) do you feel is/are a current impediment to success?

As mentioned before, image upload may cause issues - but I am confident in the ability to find another solution (there are millions of React Native apps that do it).

What help (if any) do you require to move positively forward?

I do not require any help; I think the only thing I would need is more time - this is of course going to be given since the next sprint is another 2 weeks of possible work.

What questions or concerns do you have (if any)?

Testing, I have noticed the API is slightly slow - this is probably due to me using a free tier of Atlas (remote MongoDB database); this is not significant and does not impede development.