



Project Status report

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| Name: | Aryan Chandra |
| Community (UN SD goal): | Quality Education – 4, Responsible Consumption and Production – 12, Climate Action - 13 |
| MVP # | 1 |
| Sprint cycle dates: | 20 th October 2023 – 2 nd November 2023 |

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| Project Name | EcoExplorers |
| Blurb | EcoExplorers is a mobile application aimed at education children about environmental sustainability and their carbon footprint. The app enables kids to calculate their carbon footprint based on various daily activities and learn about the SDGs related to Quality Education – 4, Responsible Consumption and Production – 12, Climate Action – 13. |
| For Week Ending | 2 nd November 2023 |
| Project Status | Green |
| Status Description | The status is set to green because what was proposed for MVP1 has been completed and I feel like it's right on track for the other two. |

Activities—During the past sprint cycle

Demo of MVP 1 - <https://youtube.com/shorts/pR9ObC7WmAY?si=-C9YNm8yfe-oifE>

- Algorithm for calculation was researched on.
- The inputs for calculation were added, currently there are 7 (will cutdown/add for next MVP).
- Research on React Native (Expo Go app, never used before).

Project Issues

No issues currently, since this MVP was just simple front-end with some calculation in the background, nothing went wrong. There were some issues with getting the application running but was sorted quickly. Using React Native and Expo Go is still new to me so I can see myself having some issues in the coming weeks.

Project Changes

Nothing significant has been changed, everything is being implemented as planned. The only change which I wish to bring forward will be that I said I would be making the app for both android and iOS, but I'm going to solely focus on iOS as off right now. This is because I have iOS myself, so I want to make sure that it works perfectly as intended on that, and then fix it for android as well.

Activities—Planned for Next Week

List all activities that the team members will work on during the next week of the project.

- Make the app "better looking": add some visual aid.
- Give tips based on the calculation at the end.
- Show videos for additional knowledge.



Reflection

Do you feel "on track"?

- Yes, I have managed to achieve exactly that I had planned for MVP 1, a few changes will most likely be made -> looking into better algorithm, but what I had set out to do for this MVP is finished.

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

- I'm proud with learning something new because React Native is something that I have never worked with, so it felt good to get something up and running onto my phone as an "app".

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

- I'm getting a decent grasp of how React Native works, and it is going smoothly so far, but I'm thinking about how to go about doing the "export data" feature for my MVP3. Still need to do some research on that, but I'm sure, and hoping, that react native has something for this.

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

- I don't require any help as off right now. Going forward if any is requirement, Prof. Tim is just an email/discord message away as well as friends.

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