project_plan

AU

Share

To do

Perform a literature review for roughly one week.

!Major Milestone (MM). Create a web-app for our contingency plan which models the Wells-Riley model. Do not add any additional features to this web-app. Validate the web-app's accuracy against the WHO ARIA tool. Once finalised, deploy the web-app.

!MM. Build our official web-app, modelling the first scenario from Alexander's paper. Do not add any additional features, except for risk assessment figures. Validate against the WHO ARIA tool. Deploy using Streamlit.

Add tabs to the web-app for features such as, a homepage, a risk assessment page, and pages for each scenario. Move the first scenario and the associated risk assessment to their own respective pages. Leave the remaining pages empty for now. Add a sidebar that will act as a menu.

!MM. Model the second scenario, producing risk assessment figures. Validate that it works against the WHO ARIA tool and redeploy.

Create the Summer Project Poster and prepare for the Poster Presentation session.

Attend the Poster Presentation session.

!MM. Model the final scenario, producing risk assessment figures. Validate that it works against the WHO ARIA tool and redeploy.

Add text and a video giving an overview of the web-app to the homepage. Still within the homepage, add text explaining each parameter of our model, supported by some visuals.

Add text suggesting mitigation strategies to each risk assessment page for each respective scenario. Additionally, add prompts suggesting ways in which users could find trends within their data.

Figure out a method that allows users to extract summary statistics from the risk assessment figures. Add a feature that allows users to create their own graphs where they can compare features of

their dataset against each other.

Test if we can deploy our web-app locally through Streamlit's desktop application.

Test if we can add user accounts to our web-app.

!MM. Finalise the GitHub repository. So far, this will not only include data that is relevant to the web-app, but it will also include my own notes - these must be removed.

Prepare for the Project Presentation session between Wednesday 13th August and Friday 15th August.

Attend the Project Presentation session.

Have a final draft of my dissertation ready by Wednesday 20th August.

Ongoing

RSPP. Finalise and submit the Project Portfolio.

Create the GitHub repository where work will be regularly uploaded and shared with Alexander.

Regularly take notes on the work that I have completed for my dissertation.

Completed

Research Skills and Project Planning Unit (RSPP). Read around the subject area and undergo any relevant training.

RSPP. Submit the Project Presentation.