Brief:

Submit a 1000 word proposal with the following headings. Use the questions to help you write the text for each heading, but don't include them in the final text. Submit the work as a PDF.

Work overview:

- What are you planning on making ?
- What are you hoping to achieve for your users/audience ?
- What technology will it use (briefly) ?

Technologies and Materials:

- What platforms/languages will you build it with ?
- What libraries do you envisage using ?
- What equipment will you need ? How will you source it ?
- What physical materials, if any, will be involved ?
- What techniques will you use ? (eg. Machine Learning, Data Mining)
- Include links to libraries/frameworks

Motivation research:

- Demonstrate what is inspiring your work
- This will most likely be a survey similar applications
- Include references

Existing knowledge:

- How are you drawing on knowledge from current and past modules ?

New knowledge:

- What new skills do you need to acquire ?
- How you will acquire these skills ? Put links to online resources, cite books etc.

Timeline and milestones:

- Include as much detail as possible.
- Be specific about what you will research when and what parts of your code and piece you will build when
- Include contingency planning - what is your minimum viable product ?
- Include your project repository address