Technical proposal (stimulus) analysis:

Recognise, describe, explain, analyse, identify, determine.

Symbolisation: mind map, tech stack

Prescribed and self-determined criteria determination

DFD (level 0 context level, level 1)

Continue analysis and symbolisation from first page

GUI with useability principles

Justify elements and features of UI based on analysis

Continue GUI with useability principles, recognising and describing GUI components

Consider showing inter-relationship between UI / UX with algorithms / coded components and data

Entity Relationship Diagram

Table dictionary / table metadata / normalisation

Data source (e.g. JSON / API) analysis

SQL statements: CREATE INSERT UPDATE DELETE SELECT

Site map and start algorithms if space permitting

Algorithms ranging in complexity

Remaining algorithms

Screen shots of development, annotating evaluations (i.e. testing or problems, and resulting refinements if possible), or use this page for testing and evaluation (or part there-of)

Code paste and annotate page 1.

* Avoid pasting any code you did not write. Borrowed code can be referenced in your reference list.
* Include both Python and Jinja2 code, and modularise your programming components (e.g. into application path routes for Python, or sections of content rendering for Jinja2).
* Annotate refinements made throughout: “evaluation of **impacts**, user experience (client-side) and coded components (server-side) and the digital solution against essential prescribed and self-determined criteria”

Code paste and annotate page 2 (if needed)

Code paste and annotate page 3 (if needed)

Code paste and annotate page 4 (if needed)

Code paste and annotate page 5 (if needed)

Code paste and annotate page 6 (if needed)

Any remaining code truncate at bottom of this page and refer to video

Remaining pages, address ISMG criteria: “*Evaluation of solution against prescribed and self-determined crtieria, making refinements and recommendations justified by data.*” To do this:

* Recollect using screen shots or explanations of development issues and resolutions as data for justification of refinements (past tense).
* Conduct quantitive (e.g. systems criteria – speed, viewport responsiveness, browser compatibility) and anecdotal (e.g. end user feedback) testing as data for justification of recommendations (future directions).
* Match refinements and recommendations (justified by data) wherever possible against prescribed and self-determined criteria. Not all refinements or recommendations will (or should) address specific criteria:

|  |  |  |  |
| --- | --- | --- | --- |
| **Prescribed Criteria** | **Evaluation of:**   * **impacts** (including Personal, Social, Economic, *Ethical, Legal and Sustainability impacts)* * **user experience** * **coded components** * **digital solution** | **Data for justification**   * **testing** * **qualitive / quantitive** * **screen shots??** | **Refinements made /**  **Recommendations for future** |
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| --- | --- | --- | --- |
| **Self-Determined Criteria** | **Evaluation of:**   * **impacts** (including Personal, Social, Economic, *Ethical, Legal and Sustainability impacts)* * **user experience** * **coded components** * **digital solution** | **Data for justification** | **Refinements made /**  **Recommendations for future** |
|  |  |  |  |
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Continue with ISMG criteria: “Evaluation of solution against prescribed and self-determined crtieria, making refinements and recommendations justified by data.”

Finish with proper academic referencing standards. You must have at least 1 reference.