Health Inform: Web Application Development

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**[Module 2023/2024] CM3131 - Full Time: Mobile Application Design And Development**

My app will be a sustainability app that helps users look up information about medical conditions through the use of a convenient phone application, it will allow users to query an API to gain access to information on medical conditions.

GitHub Link:<https://github.com/SafetyJ/Health-Inform>

Video Link: <https://www.youtube.com/watch?v=mEz1Insn6QM>

API Link: <https://clinicaltables.nlm.nih.gov/apidoc/conditions/v3/doc.html>

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| --- | --- | --- | --- | --- |
| Test | Expected Outcome | Actual Outcome | Pass/Fail | Comments |
| Opening Initial home page first time | Page displays correctly and prompts user for name | Page displays correctly and prompts user for name | Pass | Works as intended |
| User enters name and checks second page | Second page displays users input name | Second page displays users input name | pass | No need to change |
| User refreshes page and checks second page for name | Name stays as it is saved | Name stays as it is saved | pass | Works fine |
| User changes name then goes back to second page | Name changes | Name does not change till user refreshes the page | Fail | Not necessary to change |
| User enters a number into medical conditions field | Nothing displays | Nothing displays | pass | Users is not prompted with anything which is fine |
| User enter a correct medical condition | Right side populates with alternate names for condition | Right side populates with alternate names for condition | pass | Works as wanted |
| User enters a synonym for a medical condition | Displays main name of condition | Displays the entered name only due to how API grabs data | fail | No need to change as the function of the program is to give synonyms of the main condition |
| User switches to third page then back to second | Condition is removed but users name stays on page | Condition is removed but users name stays on page | pass | Works as intended does not save the previous result but does save name |
| Navigation buttons | Take you to intended page | Take you to intended page | pass | Nav buttons all work |
| User enters numbers for name | Name becomes a number | Name becomes a number | pass | Doesn’t make sense but names can be numbers |
| User enters long string for name | String is unreasonably long | String is unreasonably long | pass | Names can be as long as they want, does not effect webpage negatively |
| User enters nothing for medical condition | User is prompted to enter something | User is prompted to enter something | pass | Prompts user properly |
| User doesn’t enter name, sets it then refreshes page | Name on second page is empty | Name on second page is empty | pass | Doesn’t look the best but works as intended |

Image reference :

Serhii Borodin. (2018). *Caduceus health symbol Asclepius's Wand icon black color illustration flat style*. [Photograph]. United States: Getty Images.

A diagram of a cell phone

Description automatically generated