Major Project Proposal 2021

# Members:

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# Proposal:

System to select HSC subjects, including:

* Storage of subject selection array variable in browser
* Binary Search function for subjects by name
* Binary sorting routine by subject unit worth
* Subject selections are stored within an array
* Scripted buttons to add subjects to your selection
  + React if subject is selected or not
* Validation to assure a minimum of 12 units is selected and a maximum of 14 units
* System to hide alternate levels of subjects once one has been selected
  + For example, extension and advanced mathematics are no longer shown once standard mathematics is selected
* Formatted using Pure CSS

Split into multiple HTML pages:

* Home page – Screen 1
  + Displays currently selected units
    - Allows removal of units
  + Links to other pages via buttons
* Search page – Screen 2
  + Allows searching of HSC subject by name and sorting by unit value
  + Allows the adding of units to selection
  + Links to other pages via buttons
* Submit page – Screen 3
  + Validates selected units and returns if the selection is within the allowed unit value
  + Links to other pages via buttons

Allocation of Tasks:

* HTML and Styling – Shared
* Js sort and search functionality – Oscar
* HTML page linking – Dominic
* Js formatting, variables, and general scripting - Shared