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| Assessment Brief in detail |
| You will be using the Mobile jQuery library to build a list style mobile web app. Your list will be generated from a JSON file that you will need to source from the web or hand code. Suggestions on useful free online data sources will be offered throughout the course. Your approach should be modular enough that replacing the JSON with similarly formed data will still allow the code to function (i.e. assuming the data has a defined structure). You can make your site/app about anything that interests you. For example, you might want to do a movie reviews app, a restaurant picker, a video jukebox, etc.  **The app should incorporate the following features:**   * Based on Mobile jQuery * Present the user with an input box to filter the full list * Use your own customized theme (ThemeRoller is fine but feel free to do something yourself if you prefer) * Customize some of the default components, e.g. buttons, etc. * Clicking on any list item (regardless of whether it is in the full or the filtered list) should use some page transition to present a "page" with extra content specific to that item. * Use only one single HTML file for the main content and functionality * Assume that your app could be wired up to some server side data feed, but build it using mockup client side content (i.e. clearly indicate, in your comments, the portions of the code that you think should be dynamic if the app were using live data). * A collapsible side panel with some info about your app, e.g. usage instructions or something similar.   **Please Note:**  Files should be order in a sensible hierarchy and zipped together into a single file for submission, and please follow the correct naming conventions. All code files should be correctly labeled, and reused code must state the source of the material deployed, using inline comments. |
| Grading Criteria: |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Grading criteria** |  |  |  |  | | **SPA** | No | Yes |  |  | |  | 0points | 5points |  |  | |  |  |  |  |  | | **Based on JQM** | No | Yes |  |  | |  | 0points | 10points |  |  | |  |  |  |  |  | | **Theme'd** | No | Poor or Broken | Good |  | |  | 0points | 2points | 5points |  | |  |  |  |  |  | | **Local JSON** | No | Broken / Invalid | Fair | Good | |  | 0points | 2points | 4points | 12points | |  |  |  |  |  | | **Generated list** | No / Hardcoded | Attempted | Autodividers OR alphabetic | Autodividers AND alphabetic | |  | 0points | 2points | 4points | 6points | |  |  |  |  |  | | **JQM Generated Pages** | No / Hardcoded | Attempted / Broken | Working but empty | Working with extra content | |  | 0points | 2points | 7points | 12points | |  |  |  |  |  | | **Filterable list** | No | Broken | Yes |  | |  | 0points | 2points | 4points |  | |  |  |  |  |  | | **List items have icon** | No | Broken or Hardcoded | CSS based and valid |  | |  | 0points | 2points | 4points |  | |  |  |  |  |  | | **Side Panel** | No | Fair | Good |  | |  | 0points | 5points | 10points |  | |  |  |  |  |  | | **Page opens with a transition** | No | Attempted | Working |  | |  | 0points | 2points | 4points |  | |  |  |  |  |  | | **Best practice WRT loading JS** | Not considered | Attempted / Fair | Good / Thoughtful |  | |  | 0points | 5points | 8points |  | |  |  |  |  |  | | **Directory structure** | Messy / Confusing | Flat | Sensible |  | |  | 0points | 2points | 8points |  | |  |  |  |  |  | | **Source code** | Messy | Readable | Neat |  | |  | 0points | 2points | 7points |  | |  |  |  |  |  | | **Naming conventions** | Messy | Fair | Good |  | |  | 0points | 2points | 5points |  | |
| Learning Outcomes: |
| By completing this assessment, you will learn to:   * Understand how to organize client side file sets and incorporate third party libraries. * Understand how to include files into your app. * Become familiar with UX considerations. * Work with JSON data. * Recognize and implement best practices for Mobile platform development. |
| Caution: |
| Please note the following points:     * Deferral of Assessment can only be made under exceptional circumstances and by applying directly to the Assessment Manager and completing a Personal Circumstances Form. The contact details for the Assessment Manager and the Personal Circumstances Form can be obtained from the Participant Handbook on the LMS. In addition, further details, about how to complete a Personal Circumstances Form, can be found on the Participant Handbook on the LMS. * Please note that application for a Deferral of Assessment must be received and agreed *in advance of the submission date*, or work will be deemed as not received. * Re-check and re-mark procedures are outlined in the Participant Handbook. * DSA policy on plagiarism and collusion are detailed in the Participant Handbook. * There is a two-week period after results are submitted, for any more general enquiries on assessment results, after which quality assurance queries will not be considered. * Submissions must strictly adhere to the instructions on the Assessment Brief, including the correct format for digital submissions. * By clicking the submit for grading button, participants are agreeing to the terms at the submission point. * Participants must complete the cover page for all submissions. * Participants are responsible for testing that uploaded content files can be downloaded properly before submitting. |