**Final Custom Web Application Development Checklist & Evidences**

You are required to demonstrate your competency of Single Page Web Application development using Bootstraps and AngularJS effectively by applying the concepts, topics and techniques learned in this unit and with external sources.

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| **ID** | **Criteria** | **Fulfilled (✓)** | **Evidence** |
| 1 | Effectively design and develop the single page application using Bootstraps’s Grid Layout with proper nested row-column layout | 🗸 | Figure 1: Code snippet showing use of Bootstrap's grid system |
| 2 | Enable menu toggle in mobile view | 🗸 | Figure 2: Mobile menu    Figure 3: Desktop menu |
| 3 | Effectively applies at least four other Bootstraps components i.e. carousel / jumbotron / table / accordion / sliders/ glyphicons / modal box / etc… | 🗸 | Figure 4: Bootstrap table    Figure 5: Bootstrap modal    Figure 6: Glyphicon & Bootstrap pagination |
| 4 | Single page application is well rendered in both mobile (portrait and landscape) and desktop view | 🗸 | Figure 7: Mobile view portrait    Figure 8: Mobile view landscape    Figure 9: Desktop view |
| 5 | Effective use of AngularJS’s common directive & filters [with little code duplication – HD Only] | 🗸 | I used ngClick and ngRepeat |
| 6 | Effective use of AngularJS’s controller | 🗸 | I used 6 controllers, mainCtrl, loginCtrl, signupCtrl, dashbaordCtrl, expPaginationCtrl, and incPaginationCtrl |
| 7 | Effective use of AngularJS’s route and ng-view | 🗸 | Figure 10: ngView in index.html |
| 8 | Effective use of AngularJS’s custom filter and custom directive | 🗸 | I used a custom filter for the pagination and a custom directive to display all expenses & income table |
| 9 | Effective use of AngularJS’s Service / Provider / Factory | 🗸 |  |
| 10 | Proper forms and client side validation | 🗸 |  |
| 11 | Appropriately store webpage content/data using array or JSON object and render to the view with proper data-binding techniques | 🗸 | I get my data from MySQL database and then pass the information to the client side in JSON format. |
| 12 | **[HD Only]** Backend integration with sustainable persistent data storage & management. |  |  |
| 13 | **[HD Only]** Appropriate and proper modularization to promote web application expansibility and scalability |  |  |
| 14 | Appropriately integrated with external library(ies) with references | 🗸 | Figure 11: Chart.js & jsPDF |
| 15 | Webpage must pass HTML validation with no errors and warnings | 🗸 | Figure 12: index.html shows it's validated without error or warning |
| 16 | Webpage must comply with WCAG 1.0 (Level A) with no known problem – use Accessibility Check (achecker) | 🗸 |  |
| 17 | **[Optional]** Webpage must comply with WCAG 2.0 (Level AA with no potential problem – use Accessibility Check (achecker) |  |  |
| 18 | Appropriate section for acknowledgement and reference to the original website. | 🗸 |  |
| 19 | The developed web application effectively resolve user pain points / problems | 🗸 | User is able to add expense/income and categorize them, there is a chart that shows the user’s all time highest expenses, and a monthly chart to compare user’s expenses & income. Business users have the option to Download pdf to see the breakdown of each category’s expenses & income |
| 20 | **[HD Only]** Journal of the web development ideas |  |  |

*\*\* This table is to be included in your final custom web app report and portfolio*