

PROBLEM:

Translate the UI design from adobe XD to a Javafx prototype design.

PROPOSED SOLUTION.

Use the following technologies.

1. **JAVAFX** for the implementation of the UI, layout, controls, component structure, UI workflow.
2. Additional libraries will be used, (**jfoenix, controlfx**) to provide a more modern look and feel to better replicate and represent the design on the adobe XD, including the controls available in the adobe sketch.
3. Fxml based design language following the MVC (Model view controller) model which separate the view from the business(model) and application logic (controller).
4. However, (3) can be translated to a more native Javafx code base depending on the compatibility between the UI code (to be design) and present source code available (business logic code)

Overall a more modern approach in design, while maintaining the originality of the design and its close measure to the adobe prototype available will be used. With a responsive standard and layout mechanism to give a fluid and dynamic user interface that will integrate with the system source code easily.

Cost.

The cost of remodeling the UI based on the 11 prototype files presented via the link will be \$400

OUTCOME.

Follow specifications of the adobe files including fonts, colors, layout to produce a most appropriate layout and UI replica from it.

As a result of this modelling, the UI will tend to present data in a more dynamic clean and fluid manner, with a modern 21st century interface.

SAMPLE UI DONE WITH THE ABOVE TECHNOLOGIES AND LIBRARIES (JFEONIX, CONTROLFX)

