***Stockly***

***By***

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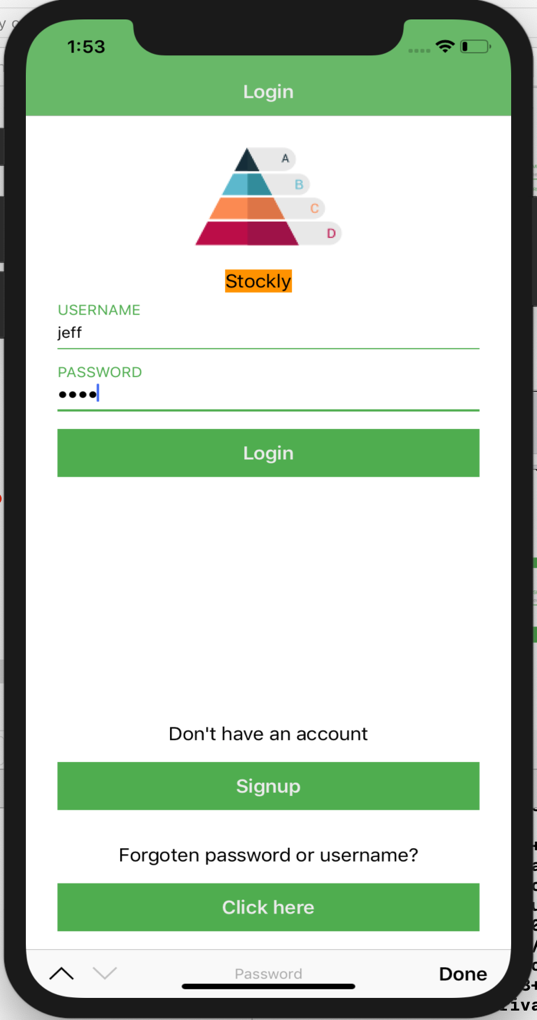
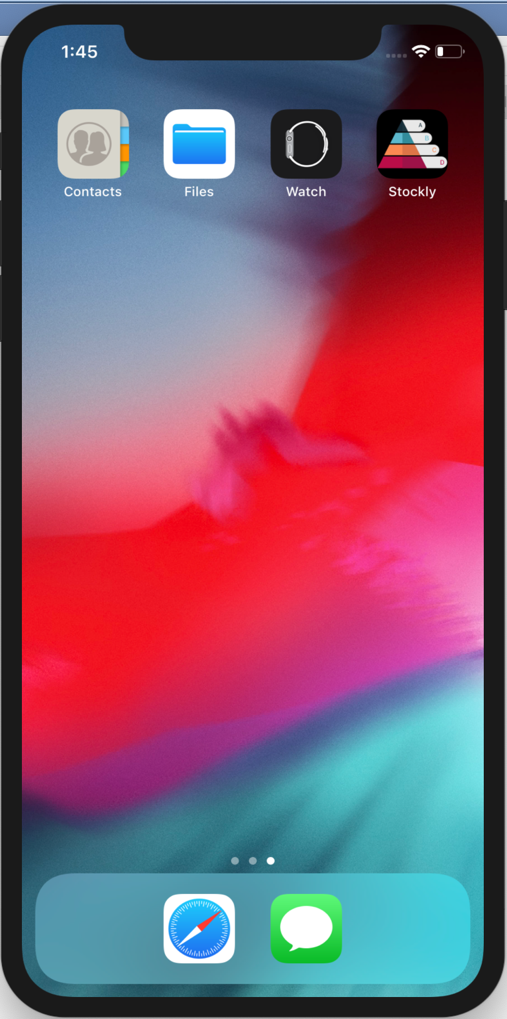
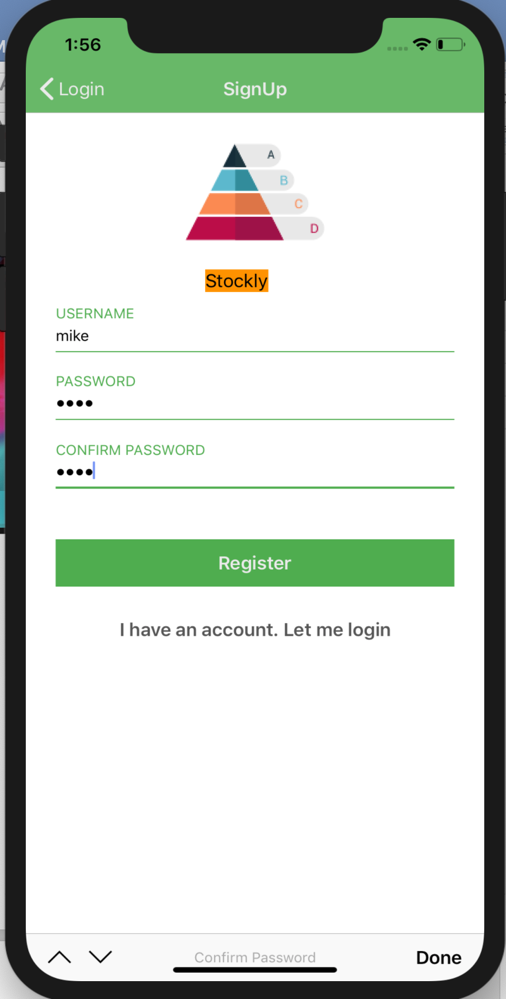
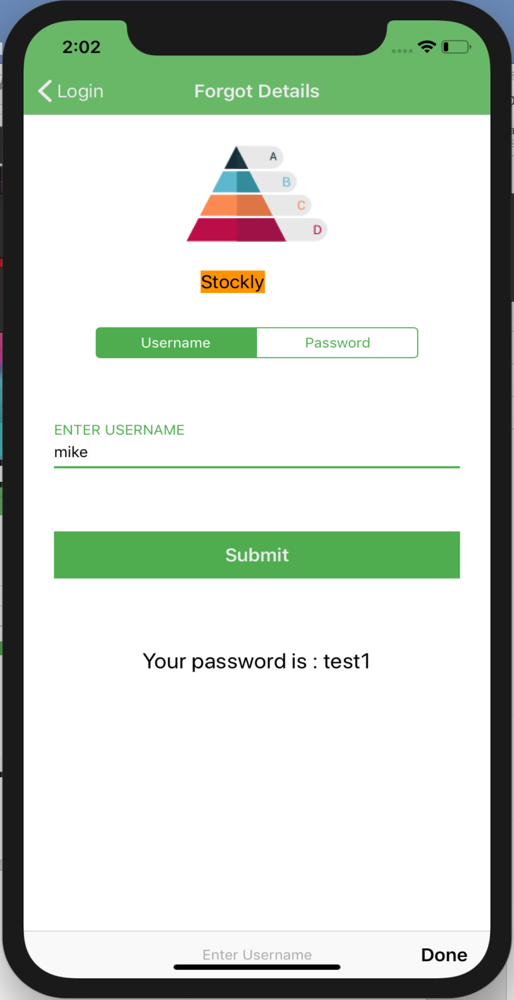
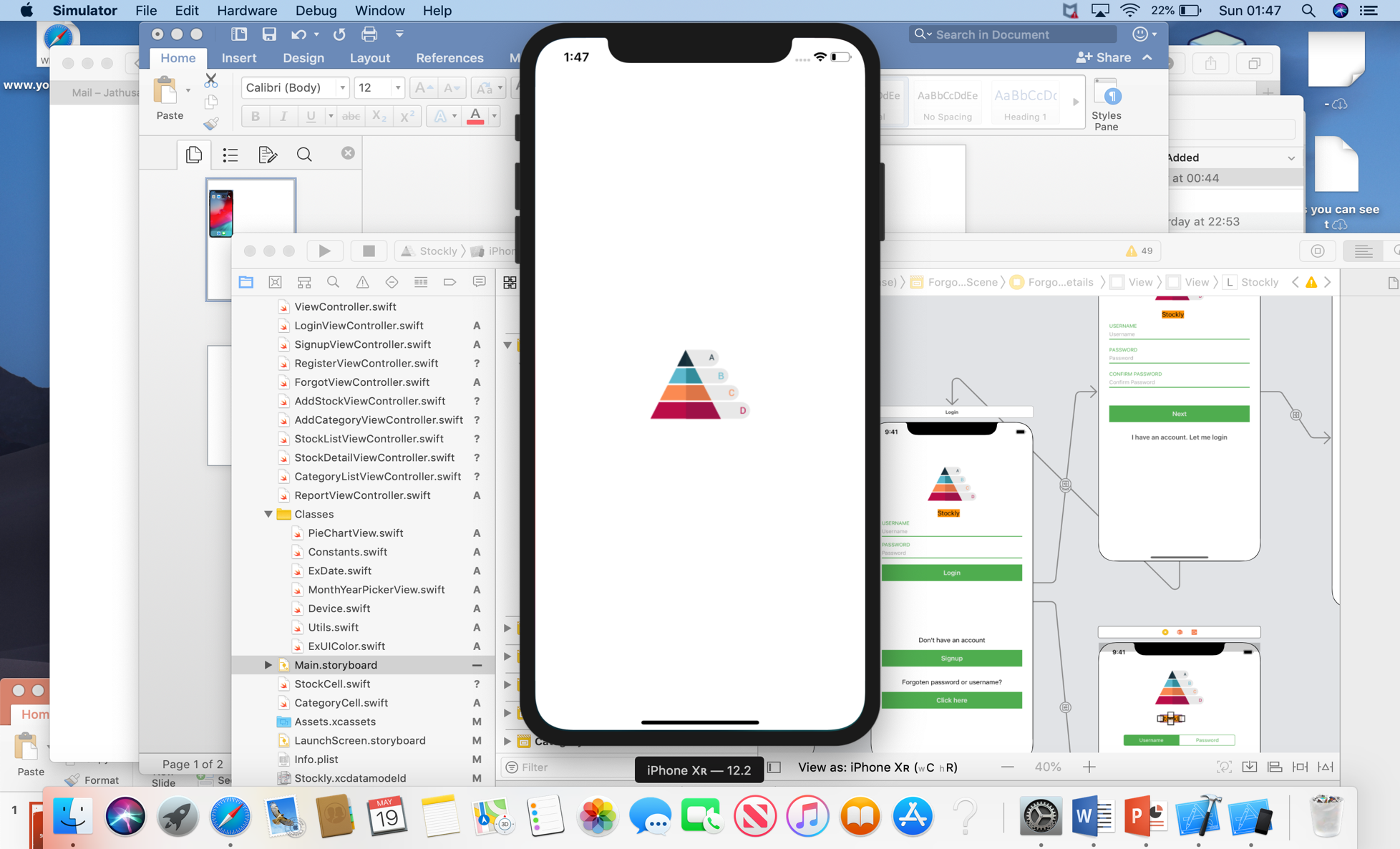
**Functional requirements**

* The user able to login to app with their registration details such as their username and password.
* The user should be able to register an account in order to log in to the application.
* The user should be able to retrieve their forgotten details such as password or username
* The user is able to add stocks with details such as uploading an image, selecting categories they have added previously, stock name, size, supplier name, quantity, date and product description.
* The user is able to edit stocks.
* The user is able to view all the stocks they have added.
* The user is able to delete a specific stock.
* The user is able to add categories.
* The user is able to edit categories.
* The user is able to view all the categories they have added.
* The user is able to delete a specific category.
* The user able to see their reports in graphical view such as pie chart in weekly or, monthly or custom dates.
* The user able to see their reports in a text view such which can be weekly or, monthly or custom dates.
* The user able to see receive a notification of specific stock that is low.
* The app should able to predict which stocks that would likely to sell out.

**Non - functional requirements**

* The application shall be correct
* The application will be built in XCode
* The application will be developed using swift programming language.
* The application must run on Macs Environment.
* The application should be easy to use.
* The design must follow the MVC pattern.
* Core graphics will be used for the image management of the app.
* Core Database will be used for the inventory stocks.
* The application will be for personal or business use only.
* The application should be available of 24/7 to serve the user request.
* The user interfaces are designed simply to the user so they can view the text and images clear without any difficulties.
* Capacity is when the application can serve 150 or more users at the same time.
* Response on time is when the application should give output quicker to user roughly less than 5 seconds.
* The application must be able to make recovery from a crash which is not likely to happen.
* The application will not crash unexpectedly.
* The application must be designed so it can easily evolve and new functionalities for future releases.

**Critical evaluation**

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