Health Sense

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# Introduction (*Heading 1*)

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# PROJECT REQUIREMENTS

Below are the product requirements for making sure the project runs at optimal performance and fulfills its defined functional requirements.

## **Software Requirements**

* Browser: Mozilla Firefox 65+, Micosoft Edge, Google Chrome
* IDE: Xcode, Android Studio, Visual Studio Code
* Design: Sketch
* Assets: Adobe Photoshop, Illustrator
* Database: MySQL, Apache
* Tools:
* Version Control: Git Hosted on GitHub
* Project Management: Github Projects, JIRA, Things
* Documentation: Microsoft Word, PDF Expert

## **Hardware Requirements**

* Development
  + Apple Macbook: For iOS app development
  + Windows PC: For Android, Web & Backend development stack
* End User
  + App: Any iOS, Android device to run the app.
  + Enhanced User Experience: You could use health smart watches which would aid the end user with better usability.

## **Functional Requirements**

* The end user will be able to view his health data.
* End user could glance over the health data without installing different apps.
* User could check previous history of the specific health data
* User will get notifications on their phone and smartwatch.
* User can customize which data would be prioritized on the app screen
* User can share the health report according to their preferences.
* End user data would be secure, and the app would preserve privacy as much as possible.
* App would include biometric authentication.
* App may suggest few health tips and notify its end user pertaining to health depending on their previous history

## **Technical Requirements**

* This is a mobile application and will support iOS and Android operating system.
* This mobile application will be developed using Swift, Java and utilize MySQL database.

## **Usability Requirements**

* The mobile application will be functional on iOS 11+ devices and android 6.0+ above.
* For iOS:
  + Healthkit support on device.
  + Read/Write access to Apple Healthkit.
  + Apple Watch is necessary for watch app
  + Touch ID or Face ID is required if the user wants to have Biometric authentication
  + For Notifications, Notification access would be necessary.
* For Android:
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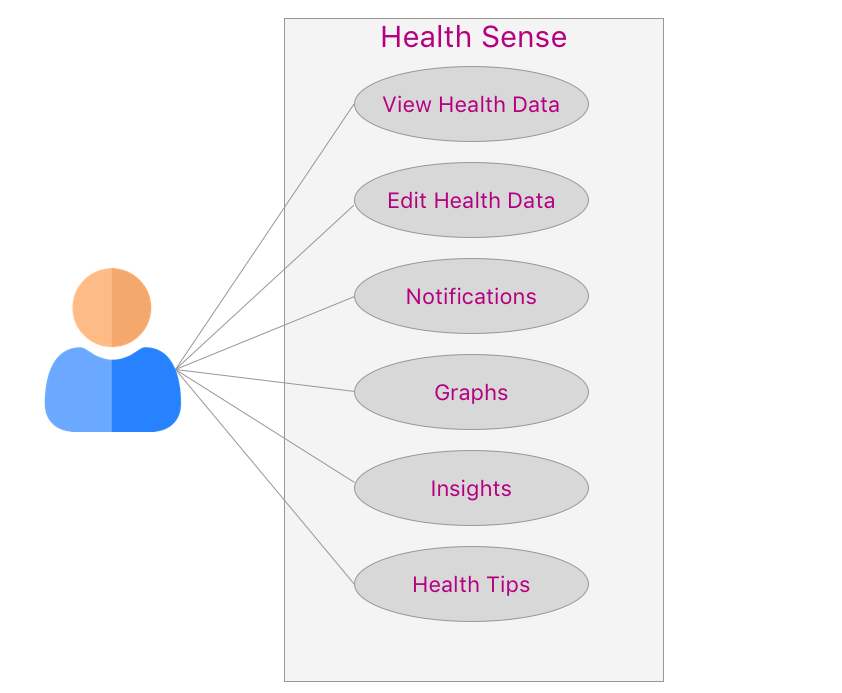
# SYSTEM DIAGRAM

In our system diagram we would use Mobile Application communication with their internal APIs and utilize few of the core hardware functions to present the data from Operating Systems Health and fitness data store.

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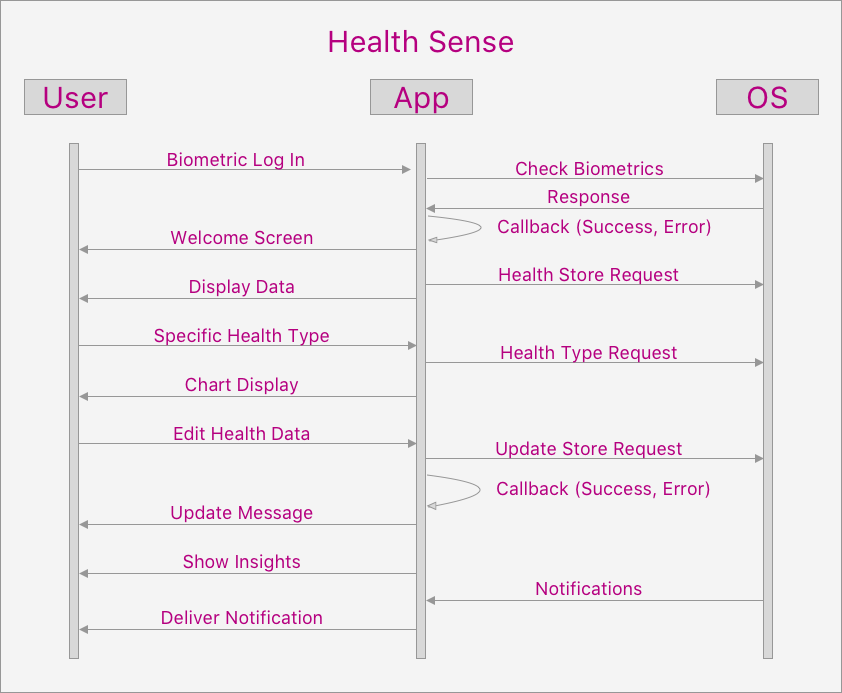
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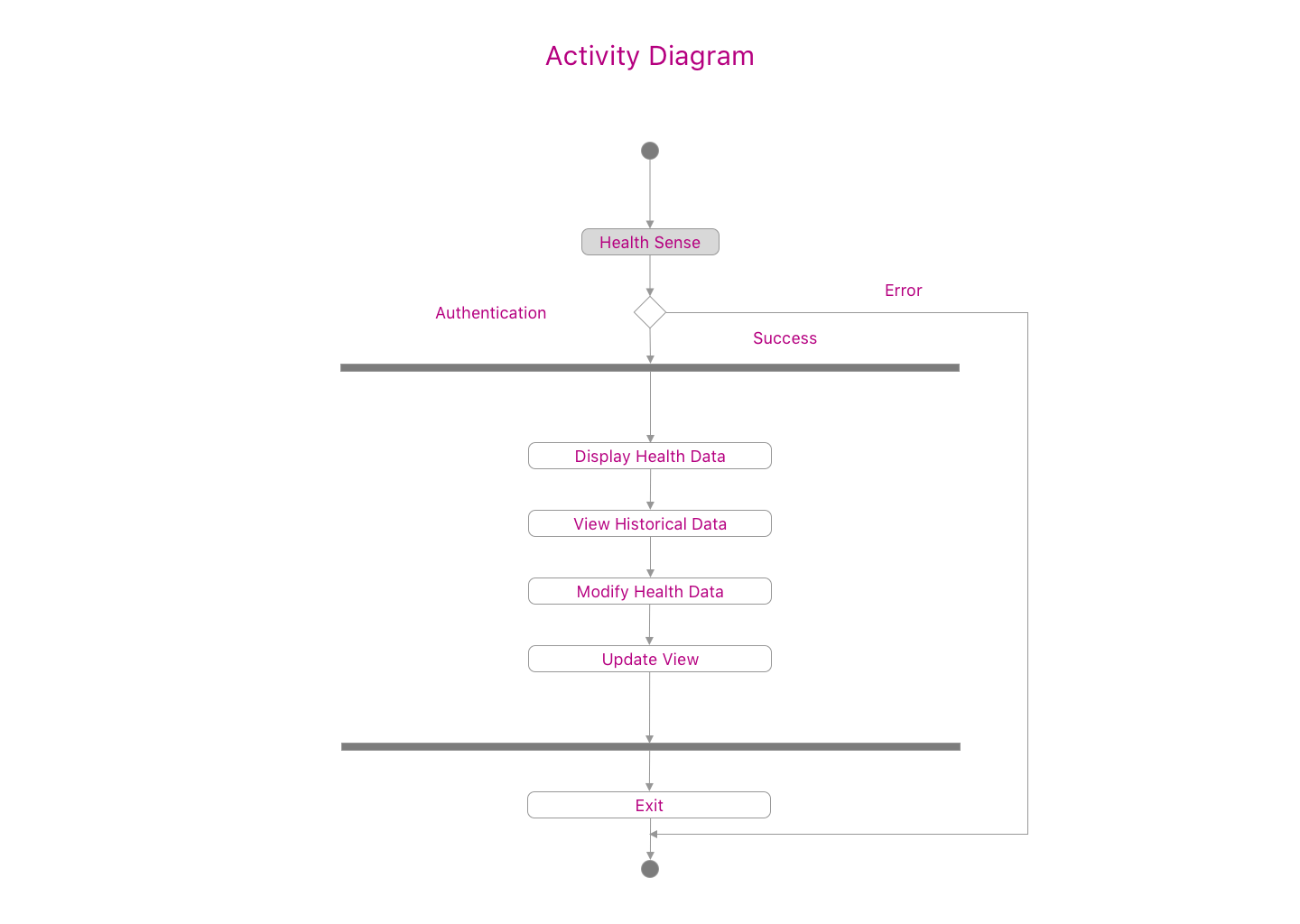
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# CONCLUSION

# Summary

# Acknowledgment *(Heading 5)*

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