

AWS Web Application

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User Manual

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About

- This project is about an AWS Web Application deployed using AWS Cloud services. The application takes in raw health and fitness data from a mobile application and uses AWS services to process that data and output some meaningful data for the end user to see.

How to use the application

1. The user uploads a health data file, in the form of a JSON file to a webpage

Welcome to CS682 Web Application Page

Select file to upload into S3: No file chosen

- The uploaded data file is then stored and processed using AWS services and a graph showing the health and fitness data is displayed on a webpage.
2. Once uploaded, the user can see the data represented with a graph by clicking on the link, ["Click Here to View Breathing Chart"](#)

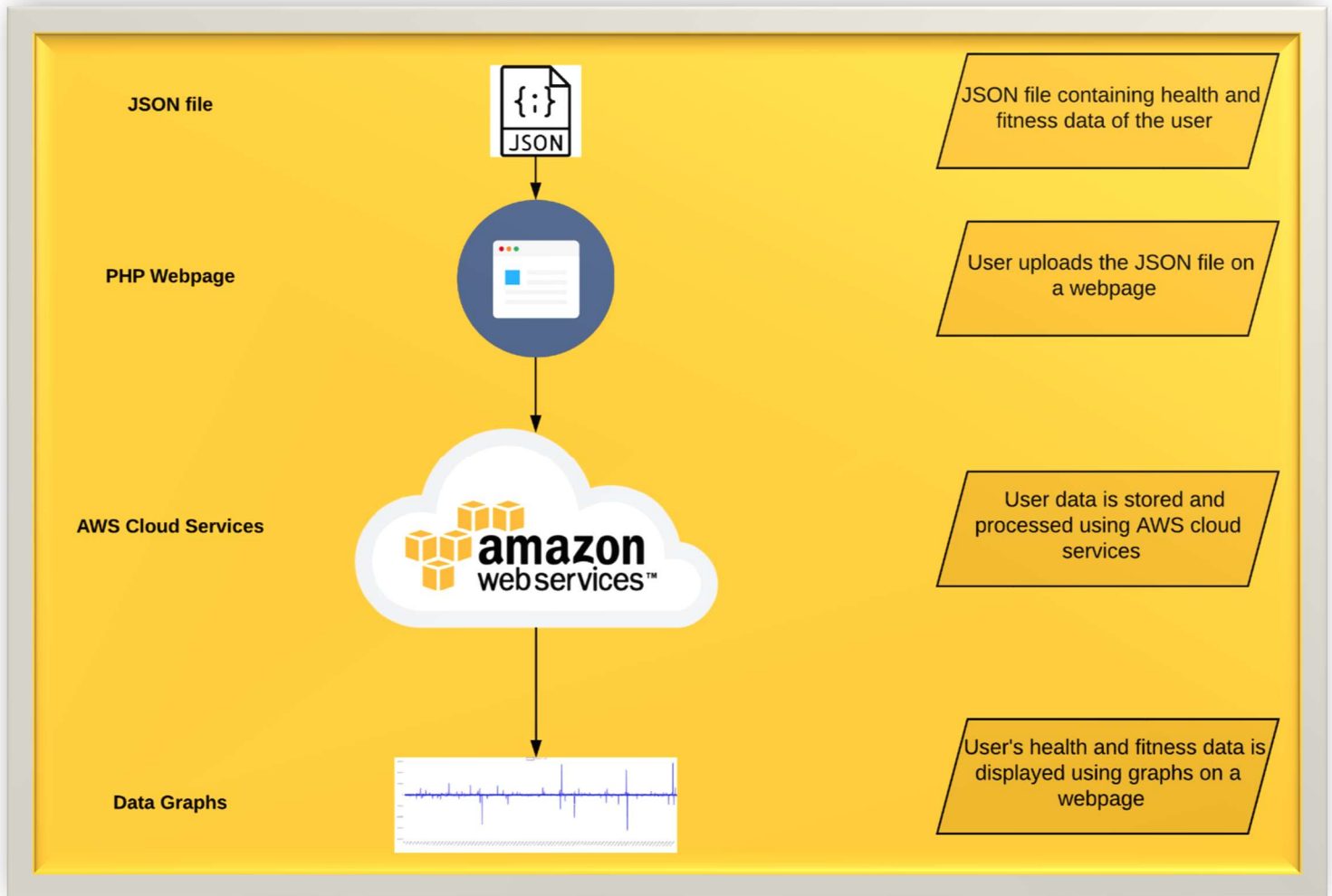
Your file has been successfully uploaded on AWS S3

[Click Here to View Breathing Chart](#)

3. The graph shows the chest data values for the user over a period of time.



How the service works



Future Possibilities/Improvements

- This feature can be extended to multiple data processing at once.
- Multiple graphs showing different types of data can be added to the front end.
- Instead of just showing data we can predict something out of that data and give useful suggestions to users.