Mobile Web Application  
COIT20269  
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Assignment 1

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# Hardware Requirements

The listed items are the requirements which can be followed to build or run similar application:

* Processor: Intel™ Core i7 3.06 GHz i7-950 or equivalent processor.
* RAM: 2GB.
* Hard Disk (SSD/HDD): 250GB.
* Ethernet: 1Gbps.
* Video controller: minimum 512MB RAM.
* Keyboard and Mouse: Any
* Monitor: minimum 320\*480 to more.
* Operating System: x64-bit/x86-bit.
* Devices: Iphone 7/7+/8/8+/X, Android Galaxy S5,S6,S7,S8,Ipad

# Software Requirements

There are certain software requirements for this application which are as follows:

* Microsoft Windows: 10, 8.1, 7.
* Dreamweaver/Notepad++/Notepad.
* NGINX 1.15.1 server
* Supporting Browsers: Google Chrome, Firefox, Safari, Edge, Internet Explorer.

# Application Commentary

Features:

* Cows Breed multipage functionality applied
* Location can be fetch at time of pressing save log button
* Latitude and longitude is added
* Date and Time feature is added
* Validation on weight and age is added
* Clear button works fine.
* Home, Next and previous button works perfectly.
* Log saving functionality is added
* Deleting saved logs functionality added on pressing send button.
* Saving logs for different breed of cow as separate.

Problem faced:

Adding location is faced difficulty as it requires the permission in browser and in mobile it doesn’t require. In mobile it shows error due to geo location navigator for mobiles are different. While in application it can work perfectly fine.

Its Solution:

To solve this issue, we need to integrate separate geo-location mobile navigator which doesn’t require permission and take it automatically.

Additional Functionality:

Functionality which can be added more are as follows:

* Based on latitude and longitude maps can be shown on log page
* Filter on log saving page can be added
* Searching functionality can be added
* Date picker like android can be added
* On Send sending to email client can added as functionality
* Delete records can be separate functionality

This will improve the application look and feel , functionality and become more interactive to user.