AyeCanChange: A PhoneGap & AWS Application

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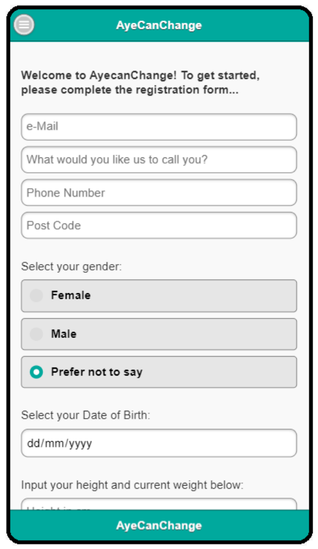
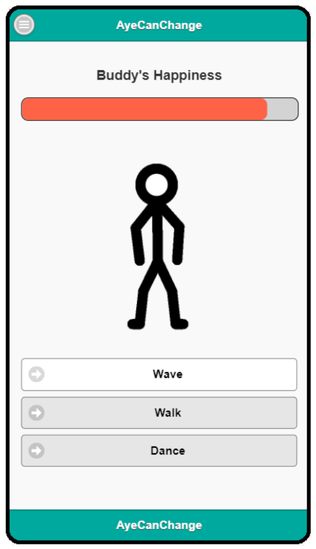
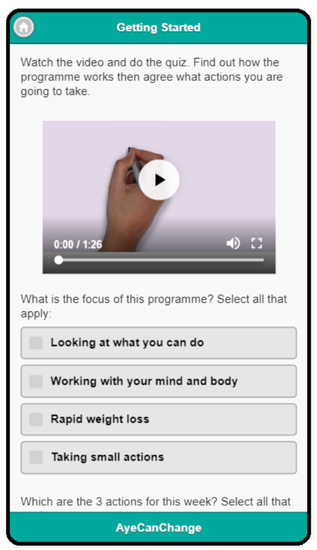
AyeCanChange supports users to bring about positive change in their lives through diet, exercise and and mental well-being. A positive approach is taken to conveying the importance of even the smallest steps.

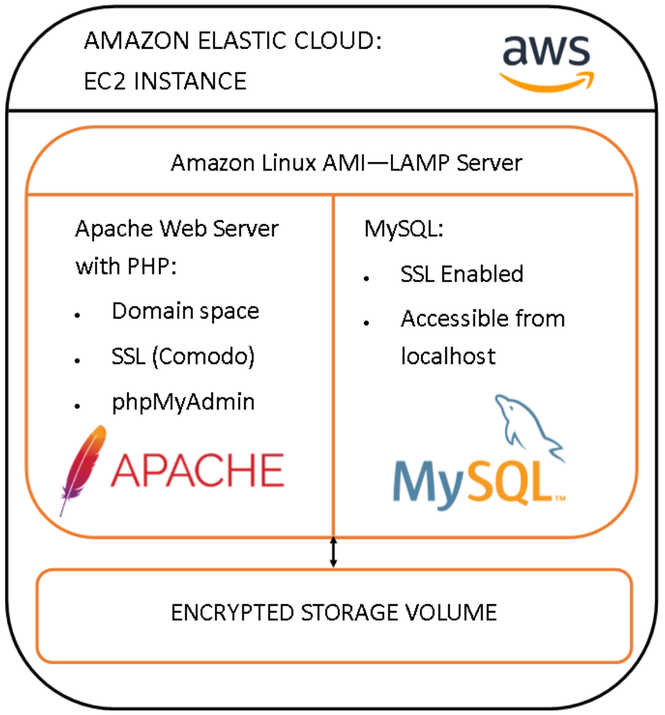






Amazon Web Services

- The App collects user data which can be reviewed to target human intervention.
- Amazon Web Services was configured to provide backend functionality for the App.
- Data is stored in an encrypted MySQL database which the App can access using php scripts.
- SSL was installed to ensure secure transport of user data.

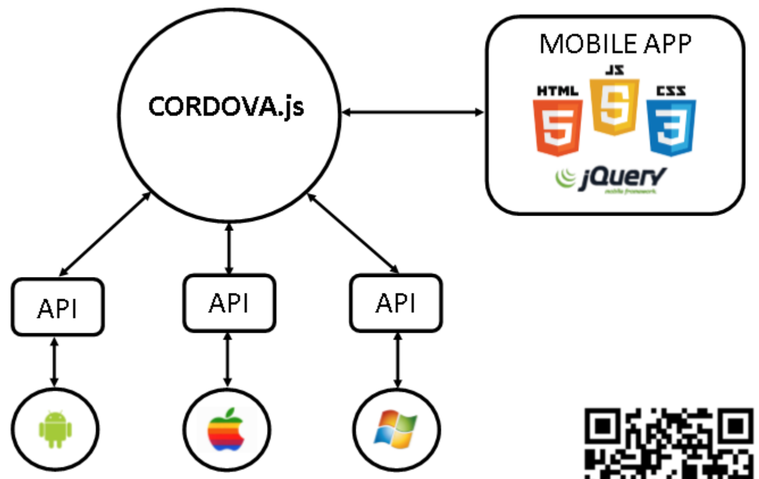


Cross Platform PhoneGap Application

- Users are required to register on first use before accessing the content of the App.
- The App is 'offline-first' by design and is fully functional when internet isn't available. Data is synced when possible.
- The App uses a dynamic menu option to direct users to each new section of the programme.
- Each section contains informative videos, quizzes and options for the user to select actions to undertake each week.
- Users can view their achievements on a dynamic page.
- The App provides a 'buddy' character for users to interact with. The character thrives on positive user actions.

PhoneGap Build

- Using PGB to compile the App ensures the latest versions of Cordova and all Plugins are injected at build time.
- The App uses Whitelist and WebSQL plugins to access the server and store data locally.
- When enabled, the PGB 'Hydration' feature will alert users any time a new version of the App becomes available.
- Compiling the App in the cloud allows for fast and easy distribution to clients.
- An auto-generated QR code contains a direct link to download the App.



Test App for Android & Windows:

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