

Kid's Wellness Activity App

Description

This application helps parents increase their children's involvement in physical activity. Parents add children to their 'accounts', providing them with their own login. The primary role of the parent then shifts towards tracking the child's physical activity (including step count and minutes) and entering it into the system. Every 10 steps or 1 minute of activity rewards the child with 1 second of play time or 1 unit of in-game currency. Children can login and use the in-game currency to customize their mascot character, allowing other users of the system to see their customizations.

Project details

- Category: General
- Difficulty:
- Suggested stack: Not specified
- Approval status: Approved

Target users

The system has the following types of roles

* parent

parents have permission to set up accounts for children and enter in steps/activity minutes so that the child can use the application

* child

children are users in the system. They can login, purchase items for their mascot, and play games to earn more in-game currency.

Tags

MVP, Notes, Optional

User Stories

Login

As a user of the application, I need the ability to login so that I can begin to use the application.

Register

As a Parent, I need the ability to register so that I can begin to use the application.

Set Up Children Accounts

As a parent, I need the ability to add children's accounts to my own.

Record Physical Fitness Activity

As a parent, I need the ability to capture step count and activity minutes for my child so that they can build up activity time and credit to 'purchase' items within the

application.

- For every 10 steps, a child receives 1 second of play time
- For every activity minute, a child receives 1 "in-game currency unit" that can be used to "purchase" items for their mascot.

View Remaining Time & Currency

As a child who has logged into the application, I need the ability to view how many minutes & how much currency I have remaining. When time runs out, the application should prevent access to certain areas.

View Mascot Character

As a child using the application, I can view my own mascot and see the customizations for it.

Customizations include:

- Backgrounds, shirts, color, hats, accessories, etc.

Add Items to Closet

As a child who has logged into the website, I need the ability to purchase items for my mascot with carrots that I have accrued.

Purchase items includes:

- shirts, shoes, hats, accessories, and backgrounds

View Closet

As a child using the application, I want to be able to view my closet of items that I have purchased so that I can customize my mascot character.

Customize Mascot Character

As a child using the application, I want to be able to select a product that I have purchased in my closet and apply it to my mascot character so that it has a unique look.

Leaderboard Rankings

As a child using the application, I want to be able to see a leaderboard ranking all users in the application by the total activity credits that they have acquired.

View Other Mascots

As a child using the application, I want to be able to see another user's mascot and some detail on who they are.

Friends List

As a child using the application, I want to be able to add other users to a friends list

so that I can keep track of them and see their awesome mascots.

Built-In Games

As a child using the application, I want to be able to play a game during my allotted time so that I can acquire more carrots or playtime.