

**MICHIGAN STATE**  

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**U N I V E R S I T Y**

# Beta Presentation

## Humana Kids

### The Capstone Experience

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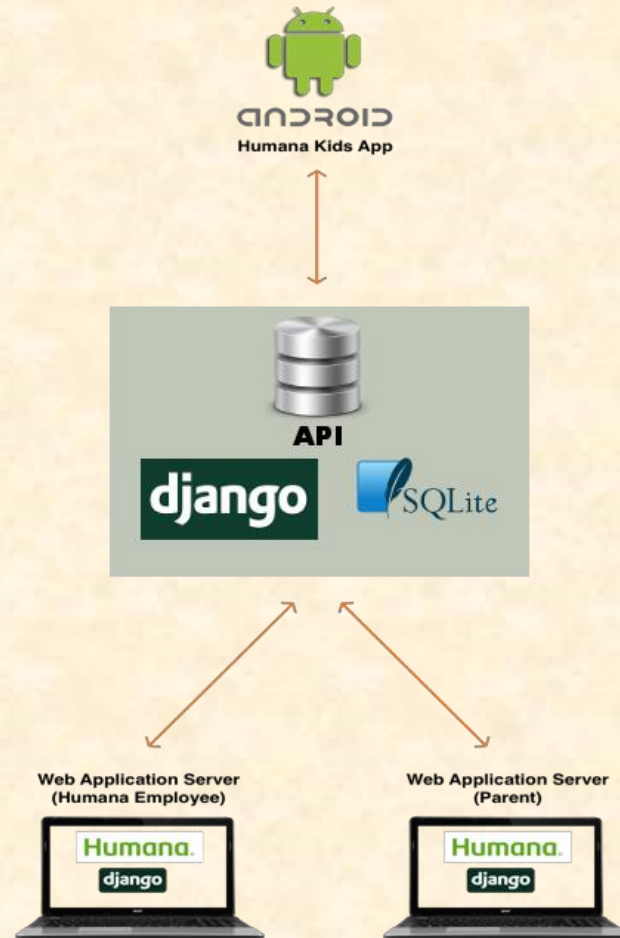
*From Students...  
...to Professionals*

# Project Overview

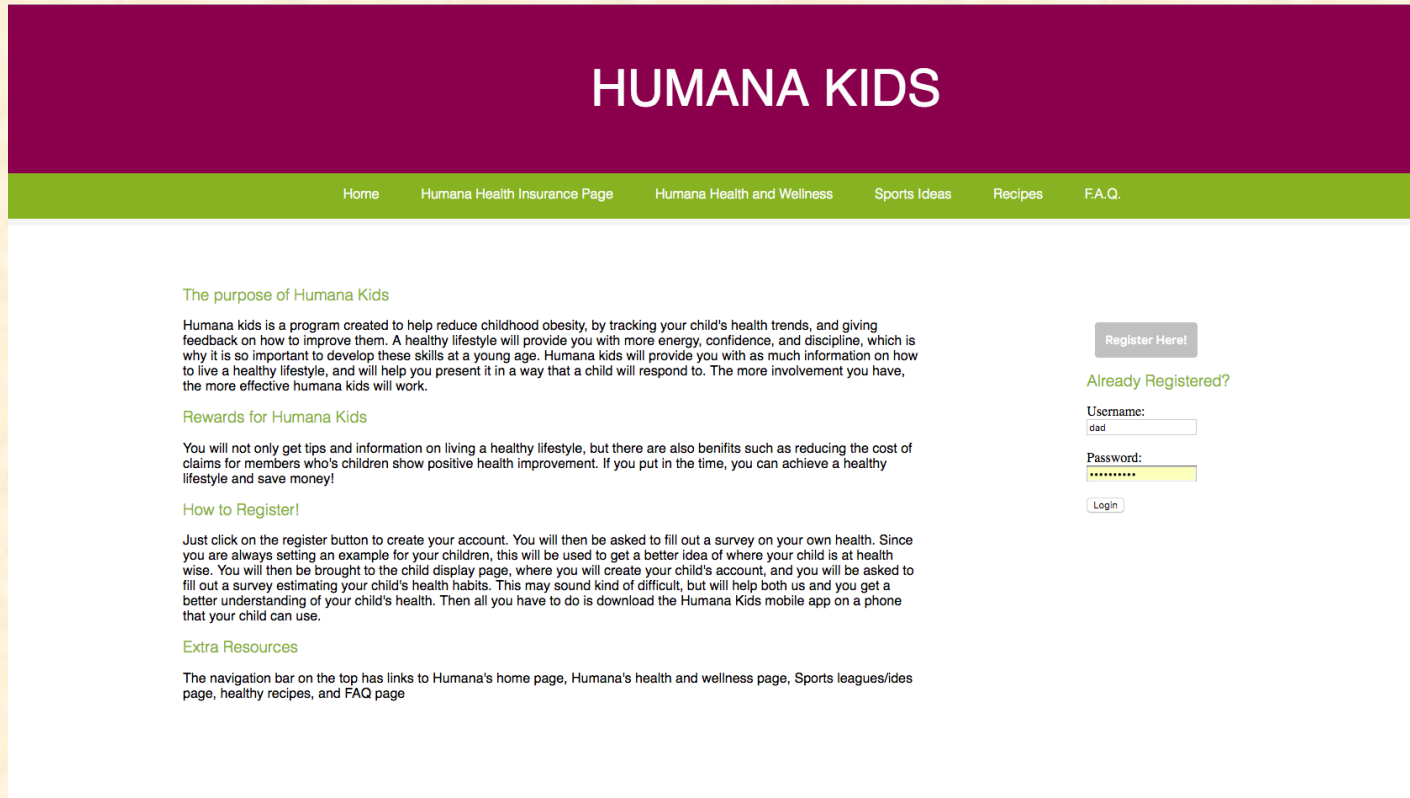
- Android App
  - Interface to promote healthy living among parents and children
  - Children will see surveys, tips, and challenges while using the device in child mode
- Web App for Parents
  - Interface for parents to see health trends for their children, survey responses, and various tips/recipes
- Web App for Admins
  - Allow employees to see usage statistics of app users, download data, and update questions and tips in DB



# System Architecture



# Website – Parent Homepage



The screenshot displays the Humana Kids website's parent homepage. At the top, a purple header contains the text "HUMANA KIDS" in white. Below this is a green navigation bar with links for "Home", "Humana Health Insurance Page", "Humana Health and Wellness", "Sports Ideas", "Recipes", and "F.A.Q.". The main content area is white and features several sections: "The purpose of Humana Kids" with a paragraph explaining the program's goal to reduce childhood obesity; "Rewards for Humana Kids" with a paragraph about health improvement benefits; "How to Register!" with a paragraph detailing the account creation process; and "Extra Resources" with a paragraph about the navigation bar. On the right side, there is a registration form with a "Register Here!" button, a link for "Already Registered?", and input fields for "Username:" (containing "dad") and "Password:" (masked with dots), followed by a "Login" button.

## HUMANA KIDS

[Home](#) [Humana Health Insurance Page](#) [Humana Health and Wellness](#) [Sports Ideas](#) [Recipes](#) [F.A.Q.](#)

### The purpose of Humana Kids

Humana kids is a program created to help reduce childhood obesity, by tracking your child's health trends, and giving feedback on how to improve them. A healthy lifestyle will provide you with more energy, confidence, and discipline, which is why it is so important to develop these skills at a young age. Humana kids will provide you with as much information on how to live a healthy lifestyle, and will help you present it in a way that a child will respond to. The more involvement you have, the more effective humana kids will work.

### Rewards for Humana Kids

You will not only get tips and information on living a healthy lifestyle, but there are also benefits such as reducing the cost of claims for members who's children show positive health improvement. If you put in the time, you can achieve a healthy lifestyle and save money!

### How to Register!

Just click on the register button to create your account. You will then be asked to fill out a survey on your own health. Since you are always setting an example for your children, this will be used to get a better idea of where your child is at health wise. You will then be brought to the child display page, where you will create your child's account, and you will be asked to fill out a survey estimating your child's health habits. This may sound kind of difficult, but will help both us and you get a better understanding of your child's health. Then all you have to do is download the Humana Kids mobile app on a phone that your child can use.

### Extra Resources

The navigation bar on the top has links to Humana's home page, Humana's health and wellness page, Sports leagues/ides page, healthy recipes, and FAQ page

[Register Here!](#)

[Already Registered?](#)

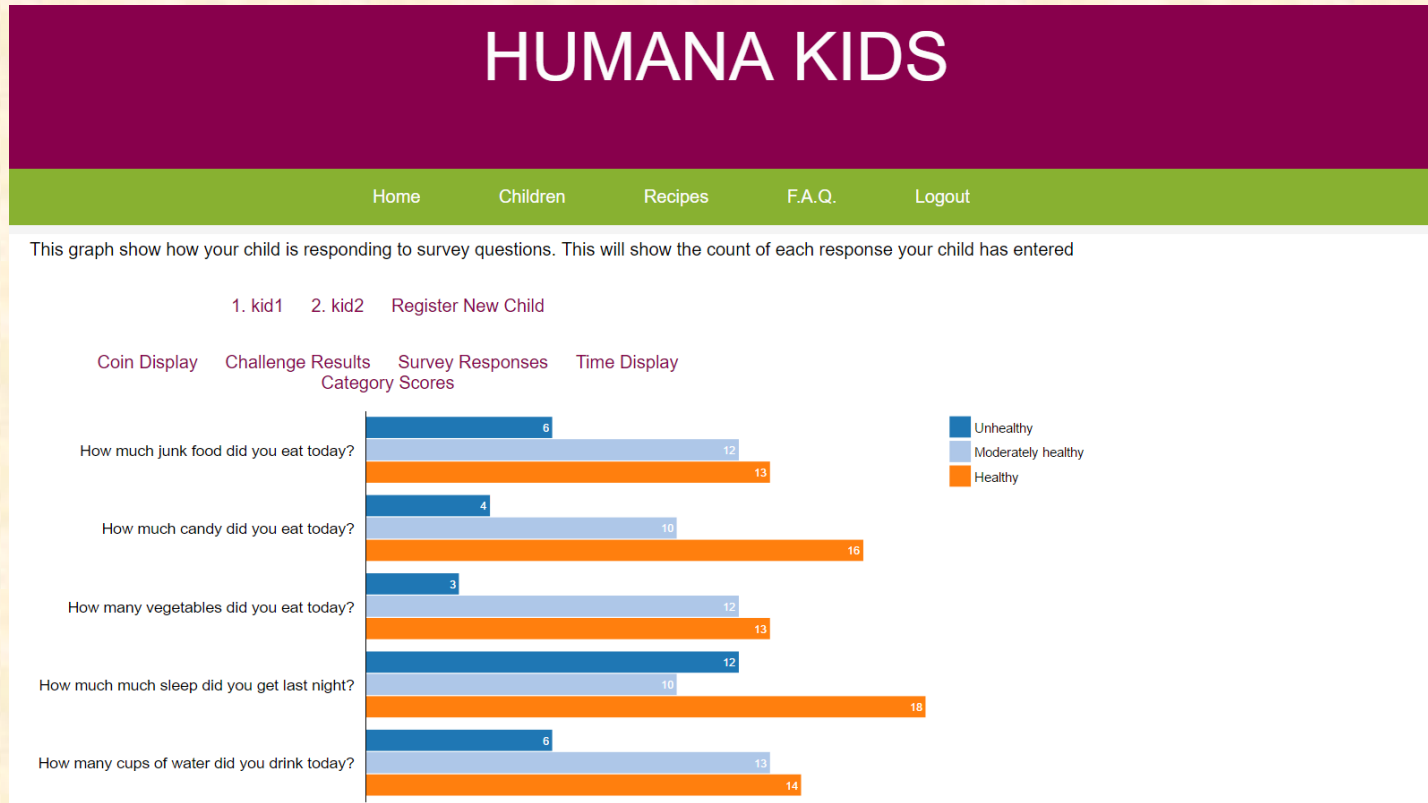
Username:  
dad

Password:  
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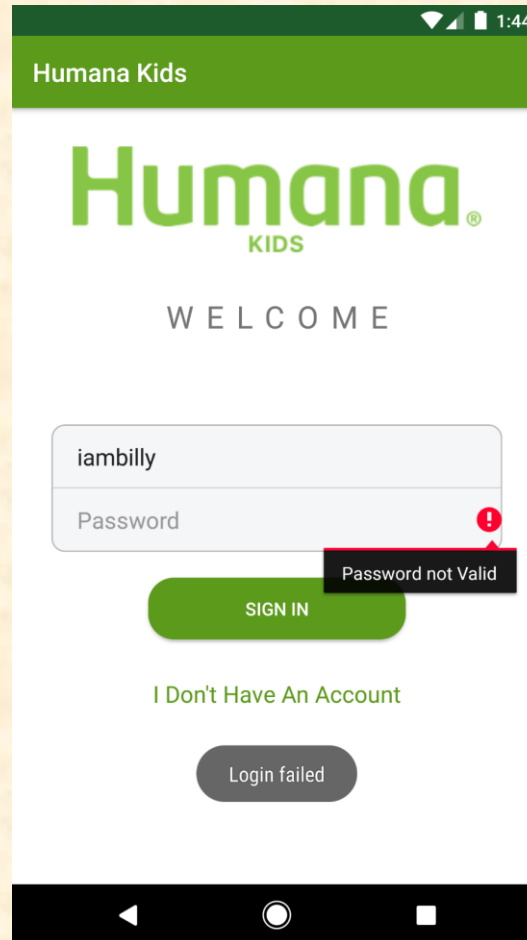
[Login](#)



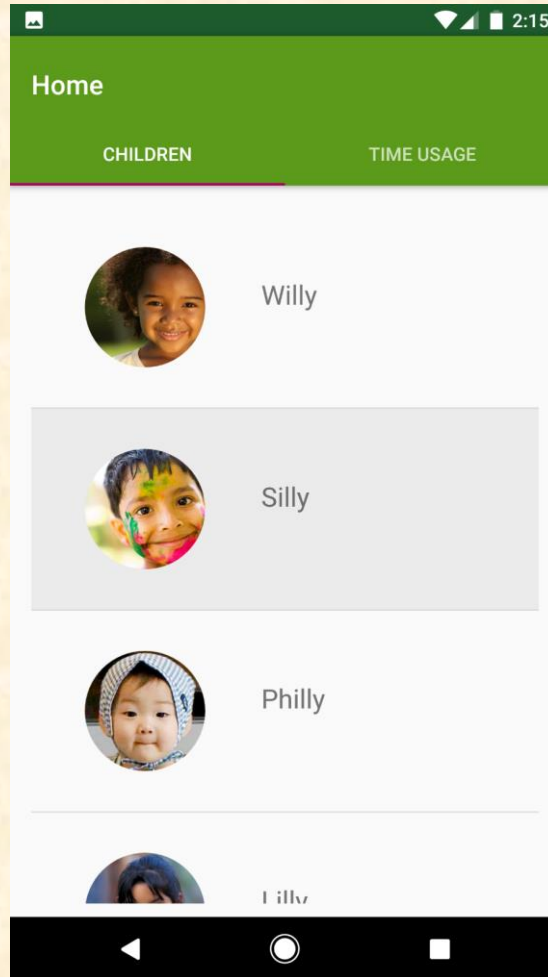
# Website – Parent Graph (Surveys)



# Mobile App – Login







# Mobile App – Parent Homepage



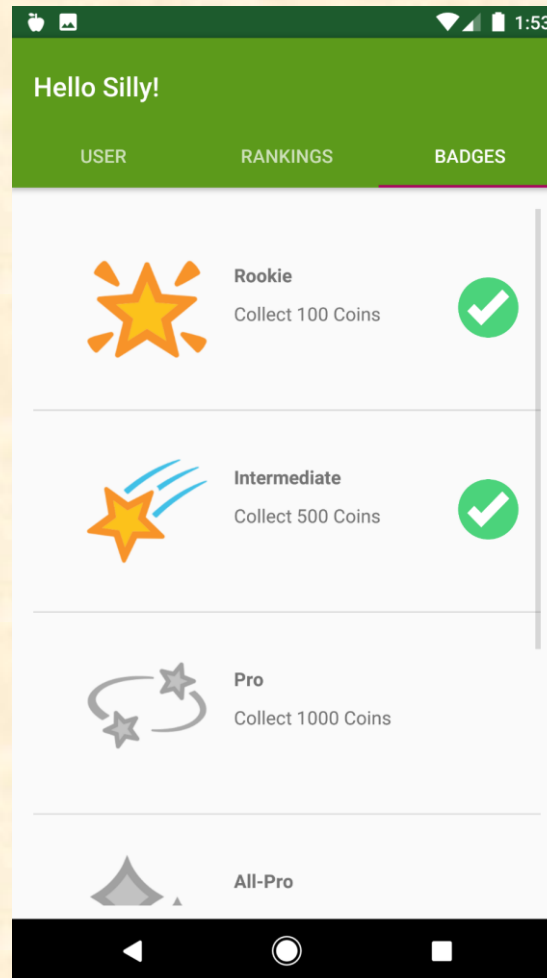
# Mobile App - Rankings

Mobile app screenshot showing a rankings table. The app interface includes a green header with the text "Hello Willy!". The table has three columns: USER, RANKINGS, and BADGES. The data is as follows:

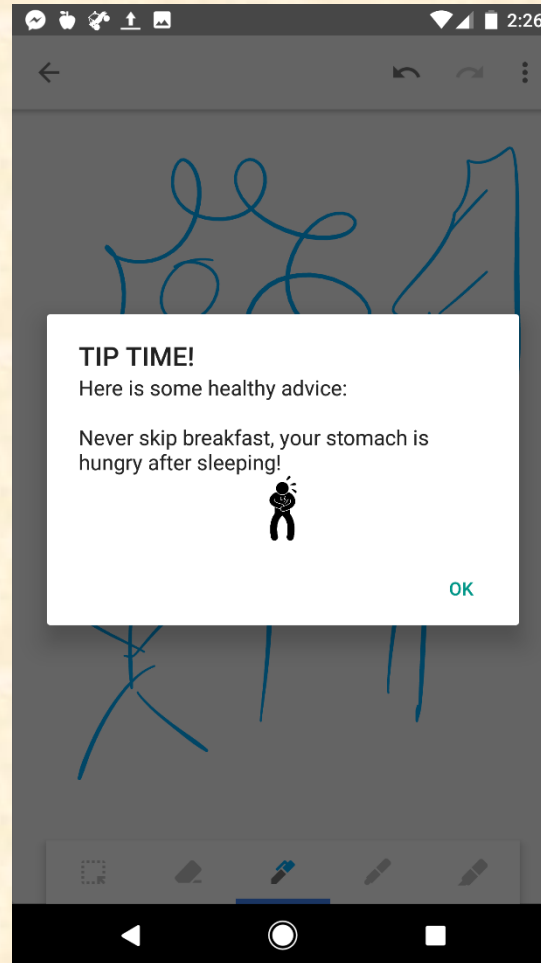
|   | USER  | RANKINGS | BADGES |
|---|---|----------|--------|
| 5 |    | Willy    | 77     |
| 1 |    | yaqeen   | 815    |
| 2 |   | Hussain  | 312    |
| 3 |  | kid2     | 295    |



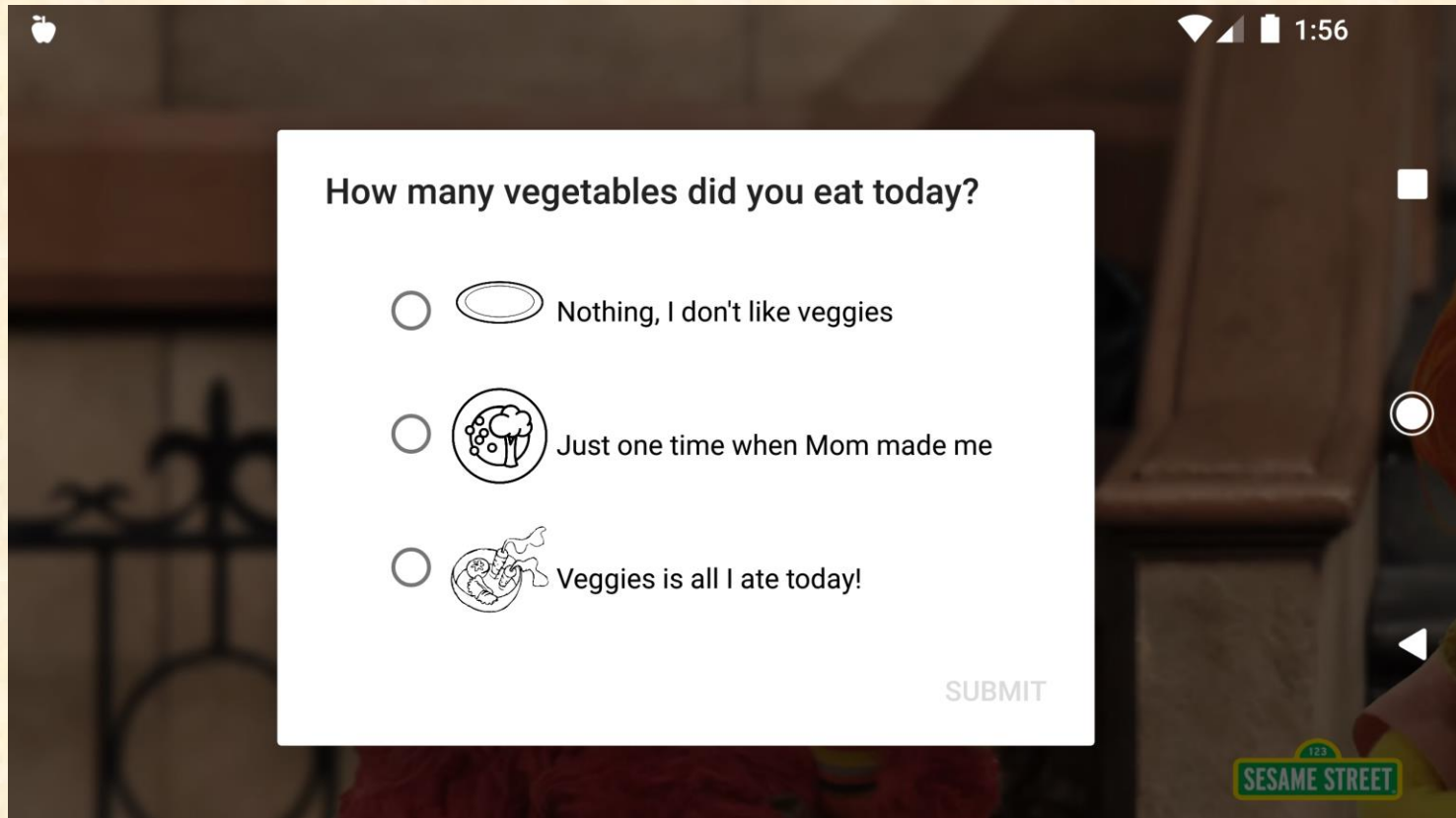
# Mobile App - Badges



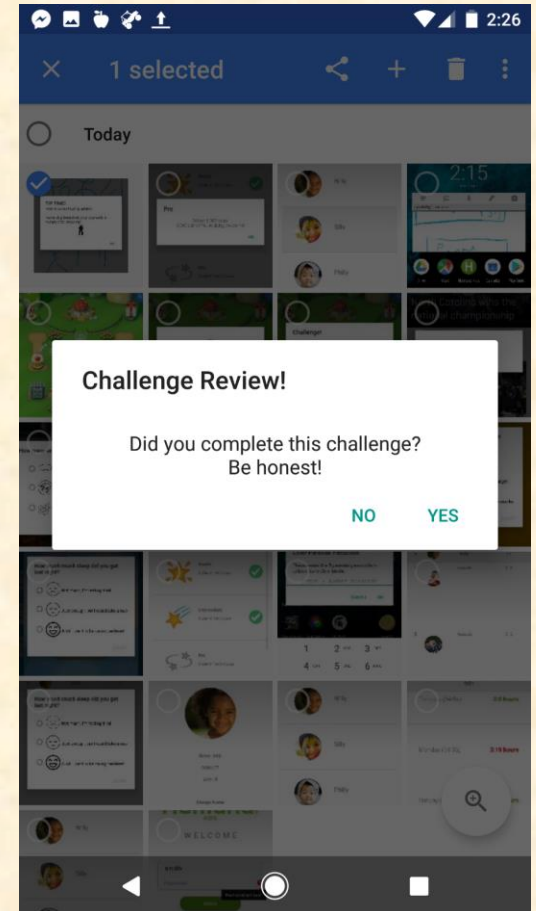
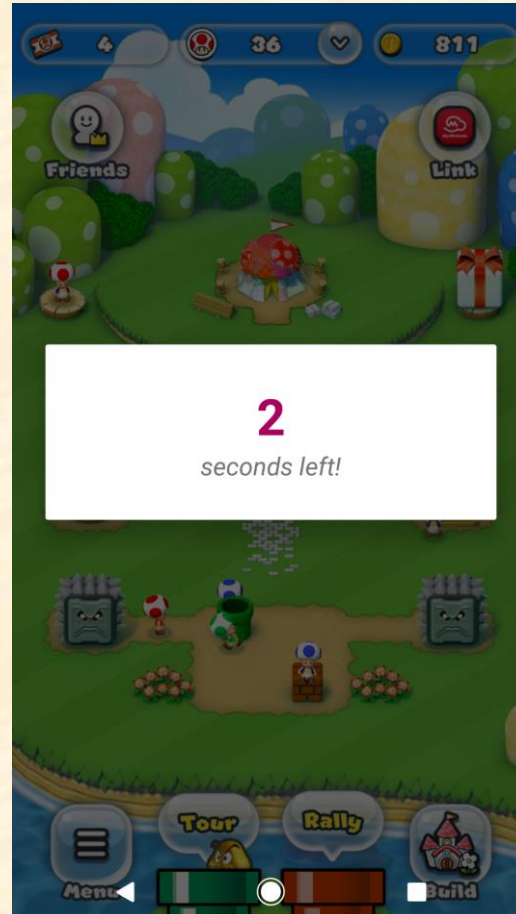
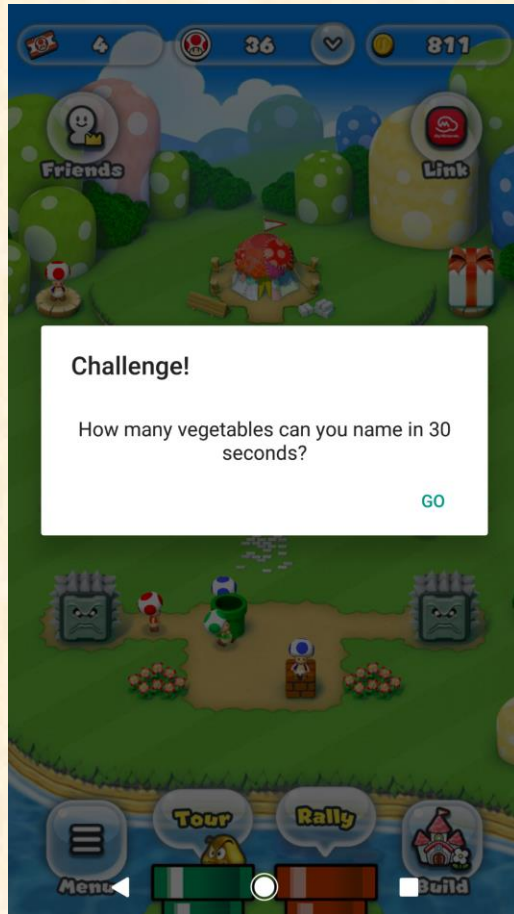
# Mobile App – Tip Pop-up



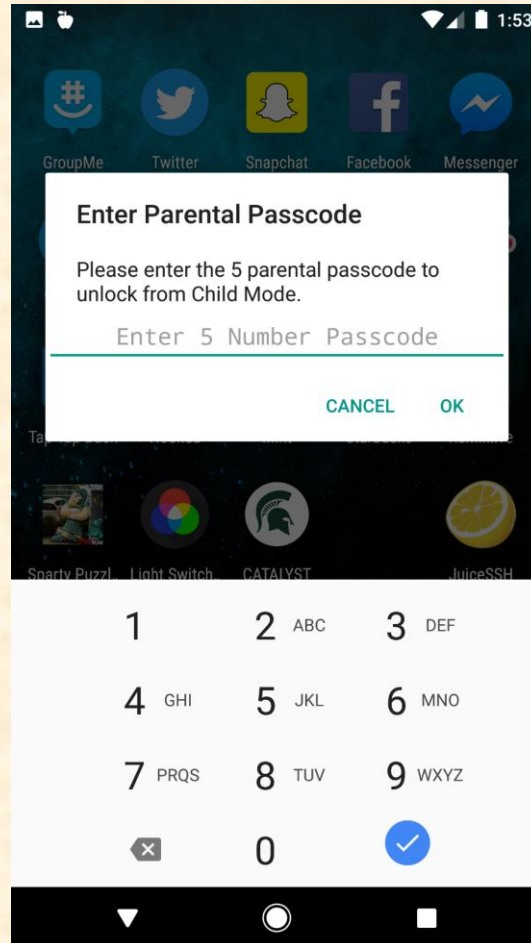
# Mobile App – Survey Pop-up



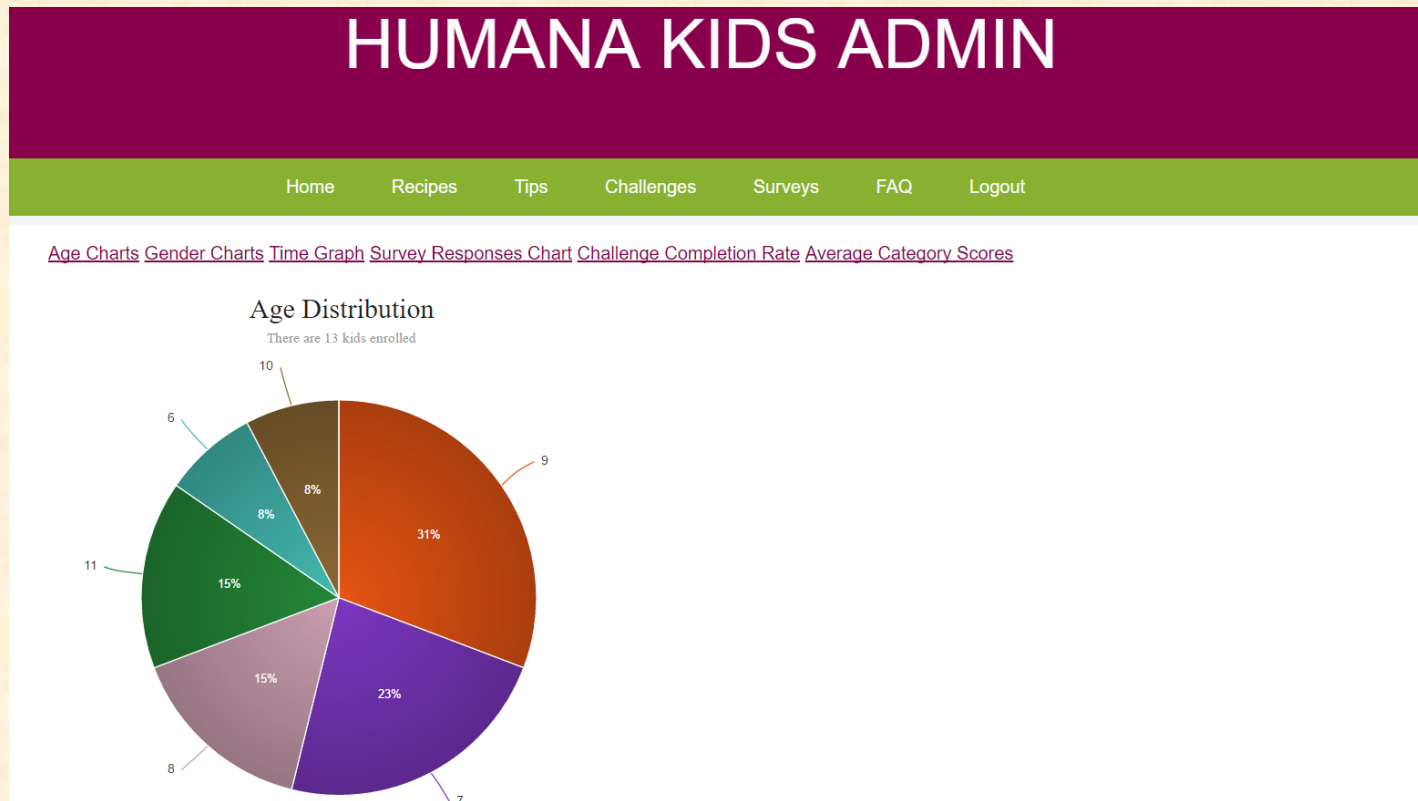
# Mobile App – Challenge Pop-up



# Mobile App – Switch Modes



# Web App – Admin Graph (Users)



# Web App – Tips

The screenshot displays the 'HUMANA KIDS ADMIN' interface. At the top, a purple header contains the title 'HUMANA KIDS ADMIN'. Below it is a green navigation bar with links for Home, Recipes, Tips, Challenges, Surveys, FAQ, and Logout. The main content area shows a list of tips. Each tip entry includes an icon, a content field, a category dropdown, an image upload field, and a 'Delete' button. The first tip is about dancing to music, categorized as 'Exercise'. The second tip is about cleaning a room, categorized as 'Living Healthy'. The interface uses a clean, modern design with a white background and purple accents.

**HUMANA KIDS ADMIN**

Home Recipes Tips Challenges Surveys FAQ Logout

**Tip 1:**  
Choose File No file chosen  
Submit

**Content:**  
Dancing to music is a fun way to get daily exercise, there is no wrong way to dance!

**Category:**  
Exercise

**Image:**

**Tip content:**

**Tip category:**  
Uncategorized

**Tip image:**  
Choose File No file chosen  
Submit

**Tip 2:**  
Choose File No file chosen  
Submit

**Content:**  
Cleaning your room will keep you organized and moving around!

**Category:**  
Living Healthy

**Image:**

**Tip content:**

**Tip category:**  
Uncategorized

**Tip image:**  
Choose File No file chosen  
Submit

# Web App – Surveys

## HUMANA KIDS ADMIN

Home Recipes Tips Challenges Surveys FAQ Logout

Add a new survey

Survey Description:

Question 1:  Uncategorized

Options:

Option 1  Picture:  Choose File No file chosen

Option 2  Picture:  Choose File No file chosen

Option 3  Picture:  Choose File No file chosen





# What's left to do?

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- Update CSS
- Security
  - Session keys
  - Password hashing
- Project video

# Questions?

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