

EventsApp

Functional Specification

Overview

EventsApp provides functionality for easy management of events. Interested individuals can easily sign up for an event using their personal information, and organizers can quickly and easily collect information about participants in the event.

Table of Contents

Goals	2
Audience	2
Event goers	2
Event organizers	2
Features	2
User sign-up	2
User log-in	3
Registrants visualization	3
Application Layout	3
Landing Page / Login Page	3
Sign-up Page	3
Visualization Page	4

1. Goals

- 1.1. Improve event organizing experience
- 1.2. Make signing up for events by interested parties easier
- 1.3. Make collecting data about registered participants quicker and easier for the host of the event
- 1.4. Provide a way for registrants to see who else is going to attend

2. Audience

2.1. Event goers

- 2.1.1. Makes signing up for events easier for interested individuals
- 2.1.2. Provides information about who else is signed up so people would be encouraged to go

2.2. Event organizers

- 2.2.1. Makes collecting information about registered users easily accessible
- 2.2.2. Helps with planning the event by providing signed up users' information

3. Features

3.1. User sign-up

- 3.1.1. People can sign up for the event from the app. Required information:
 - 3.1.1.1. Name
 - 3.1.1.2. Date of Birth
 - 3.1.1.3. Phone Number
 - 3.1.1.4. Email Address (used for login username)
 - 3.1.1.5. Password (used for login password)

3.1.2. User information is stored in Firebase with the following fields:

3.1.2.1. dob (date of birth)

3.1.2.2. email

3.1.2.3. name

3.1.2.4. phoneNumber

3.2. User log-in

3.2.1. After signing up for the event, people can log in with their account information:

3.2.1.1. Email Address

3.2.1.2. Password

3.2.2. Login information is looked up in the database to authenticate user

3.3. Registrants visualization

3.3.1. After logging in, the user is presented with a screen that displays all registrants signed up for the event. Information displayed includes:

3.3.1.1. Name

3.3.1.2. Phone Number

3.3.1.3. Email Address

4. Application Layout

4.1. Landing Page / Login Page

4.1.1. Provides form for entering user email and password

4.1.2. 'Login' button sends the information to the database and checks for existing user

4.1.3. 'Sign up' link redirects to sign-up page

4.2. Sign-up Page

4.2.1. Provides form for entering:

- 4.2.1.1. Name
- 4.2.1.2. Date of Birth
- 4.2.1.3. Phone Number
- 4.2.1.4. Email Address
- 4.2.1.5. Password
- 4.2.1.6. Repeat password

4.2.2. 'Sign up' button sends the information to the database and creates a new user

4.3. Visualization Page

4.3.1. Shows a list of all users who signed up for the event.

Information displayed for each user:

- 4.3.1.1. Name
- 4.3.1.2. Phone Number
- 4.3.1.3. Email Address