Home screen comprises of following attributes: Wall of Fame, Filed Trip Pricing, Manage Field Trips, Outreach Programs, 360° views and Login Section.

SignUp
Teacher can enter the input fields and signup the account. Signup is for teacher only.
Login
Teacher will login with the credentials and can access the application.

Forgot Password
User can enter the email address and link will be sent to respective email id to change the password.
The field trip pricing signifies the student pricing per chaperone. It comprises of pricing details like museum Admission, Giant screen Movie Add-On, Discovery of King Tut etc. It is the static text and remain same.

<table>
<thead>
<tr>
<th>Student Pricing (per student)/Chaperone Pricing (available for one chaperone for 10 students).</th>
</tr>
</thead>
<tbody>
<tr>
<td>One complimentary teacher for every classroom. Additional teachers pay the chaperone rate up to the 1:10 ratio. Special needs teachers, please contact us so we can accommodate you.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pricing Details</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Museum Admission ($3.50) (Self-Guided Tour)</td>
<td>✔️ ✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Giant Screen Movie Add-On ($3.50)</td>
<td>✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>Giant Screen Movie ONLY ($5.00)</td>
<td>✔️ ✔️ ✔️</td>
</tr>
<tr>
<td>The Discovery of King Tut ($5.00)</td>
<td>✔️ ✔️ ✔️</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>03.50 05.00 07.00 08.50 12.00</td>
</tr>
</tbody>
</table>

Manage Field Trips
User can view manage field trips only when user is logged in. Once logged in user will navigates to user logged in home screen. Below is the screen shot. After Logged in, list comprises of My Itinerary, Student List, Manage Chaperone, Manage Groups, Group Scores, 360 views, Wall of Fame, Field Trip Pricing, Outreach Programs, Useful Links and My Profile.
My Itinerary

In My itinerary teacher can build itinerary and view the saved itinerary.

Build Itinerary

Teacher can select any grade and select a date and time for creating itinerary. After selecting date, user can select interest. Interest comprises of Science, Natural World, History, Community, featured. Data is updated from back-end and is dynamic in nature. From back-end, Interest field can be increased. In select interest few entries comprises of subcategory or few have only main categories. Teacher can add the subcategory and add to itinerary. In subcategory, details are mentioned and duration is specified. User can add multiple categories for one itinerary.
Teacher can view list of all the itineraries that are built by Teacher. Teacher can view the subcategory description, edit the itinerary and can remove the itinerary from saved itinerary list. The itinerary that is selected is reflected green in color and on the basis of that selected itinerary: student list, Manage Chaperone, Manage Groups, Group Scores will be updated.
Student List

In student list, teacher can add students by tapping on + icon

In student list, teacher need to provide information like name credentials, class the student belongs, field trip will appear that is fetched from My itinerary, suppose if my itinerary is selected with field trip 2, so in student list that field trip will be selected by default. Though teacher can change the field Trip, and that student will be added for that itinerary. In student list other fields comprises of Emergency contact numbers and student checklists.
In student checklists, teacher can enable or disable following attributes for student like photograph Allowed, special need, Medicine, spending Money and allergies. If photograph allowed is enabled it means that particular student is allowed to click photographs when that particular itinerary is going on.

In special need if student requires wheel chair, teacher can enable that option. Similarly in others also like if student is on medication, that student would be allowed to carry medicines. In spending money, if option is enabled, student can spend some money. Teacher have right to add the amount while student is getting created. Their is an option of Allergies, where teacher can enable it and can add the things from which student have allergies.

After filling the fields, when teacher tap on Add, that student will be added.

Teacher can edit or delete the student information. Multiple students can be added.
Manage Chaperone
The itinerary that is selected, with respect to that all the chaperons will appear in Manage chaperone. Common field trip will be mentioned for the chaperones. Teacher can assign the group to chaperone. The group here means that, chaperone will monitor only that group and it comprises of students. So if suppose chaperone is assigned 4th group, so chaperone can only monitor students that belongs to 4th group. Chaperone key responsibility is to organize the quiz for students.

Add Chaperone
In Add chaperone, teacher have to fill the fields like name, field trip, email address, phone number. In Add chaperone, there are radio buttons that signifies identity of a chaperone. Teacher if tap on Teacher radio button, it means chaperone that is added is a teacher. If parents is tapped by teacher, it signifies that chaperone is a parent. Similarly it goes for others.
Teacher can edit the chaperone details. Also teacher can share the access code to the chaperone that is required in login of chaperone. If tapped on Yes, the access code will be shared to chaperone on registered email id and chaperone can login by entering the access code.

Manage Groups
In manage groups, teacher can assign group to be student. When tapped on chaperone name, student list can be viewed falling in that group.
After assigning the group, when proceeds further, if a chaperone is assigned to that group, chaperone name will be reflected with the count that reflects the student count that are in that group and managed by chaperone.

When tapped on chaperone name, student list can be viewed occurring in that group.
When tapped on any student name, further student details can be viewed.

**Group Scores**

In group scores, the quiz score will be populated for that group along with chaperone name.
In declare Winner, when tapped on Send Trophies, teacher will get the pdf on the registered email id, where all the students names will be reflected group wise.

Teacher can close the trip, if trip is closed, all access to chaperon for that trip will be removed. That field trip will be deleted, all student data will be deleted.
**360° Views**

In 360 views panorama images are there that rotates 360 degree. These images will be related to museum where the students are coming. Images are added from backend and can be updated from back-end.
Wall of Fame
In wall of Fame the top scorer in quiz will appear. The school that has topped in quiz for respective grade will appear in wall of fame. Suppose there are 5 schools who have participated in quiz for pre-k and Ames High school scored the maximum marks in quiz for pre-k category, then Ames High school name will be reflected in Wall of fame along with quiz score and teacher name.

Outreach Program
Outreach program gives description about the programs happening and user can contact on given email id or phone number for further details or information.
Useful Links
In useful links, important links are given from where user can tap on it and will be navigated to desired screen.

My Profile
In My profile, user can view the profile information, can edit the info and save the changes made. Expect email Id all other attributes are editable.
**Chaperon Access**

Chaperon can login or access the App by entering access code shared by teacher. Once tapped on done, chaperone will navigate to further screen.
Thank you for volunteering for the upcoming field trip. Teachers will assign you to a group of students. Student group information shall be accessible only on field trip day.

As a chaperone for the field trip, we request to have your assigned group answer multiple choice questions during the trip to enrich their field trip experience.

After the field trip is completed, the teacher will close the trip and you will no longer have access to the group. This App will then send group e-trophies to the teacher for distribution.

John Truder
When tapped on quiz, all the questions and answers are reflected.
Q1: What is an example of a simple machine on a playground?

- [ ] Sand box
- [x] Teeter Totter
- [ ] Jungle Gym
- [ ] Slide

Submit

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Q1: Solar power is generated from what source?

- [x] Solar storms
- [ ] Heat
- [ ] The sun
- [ ] Radio waves

Submit
The quiz score will be updated as per the response given to the questions. Once all the questions are answered a finish button will appear, when tapped on finish the quiz will be submitted and score will be updated.