Xplor

Project description

Team

Bipul Karnani
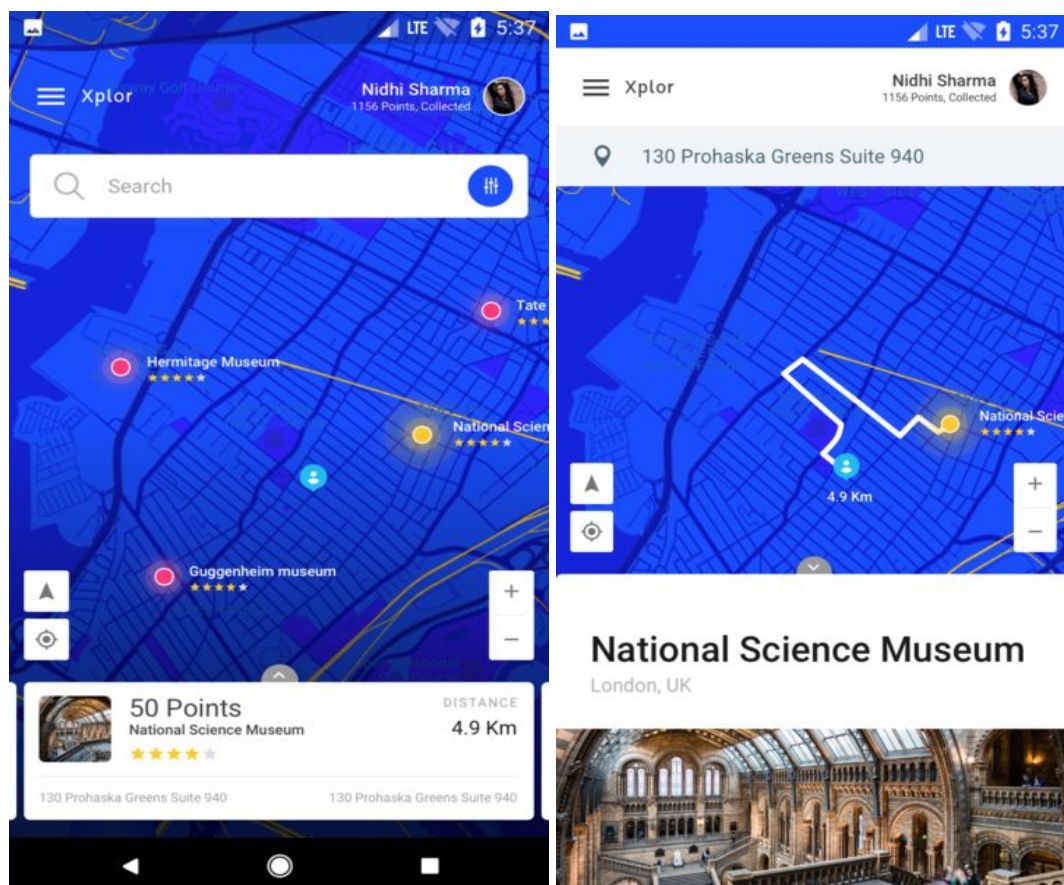Kedar Deore
Rohit Kondapalli
Rohit Sharma

Overview:

Xplor is quizzing and exploration app where users can answer questions about the background of the museum and the artefacts inside the museum. The user can view all the museums available in their city, get some overview about the places and can explore questions on several sections of the museum.
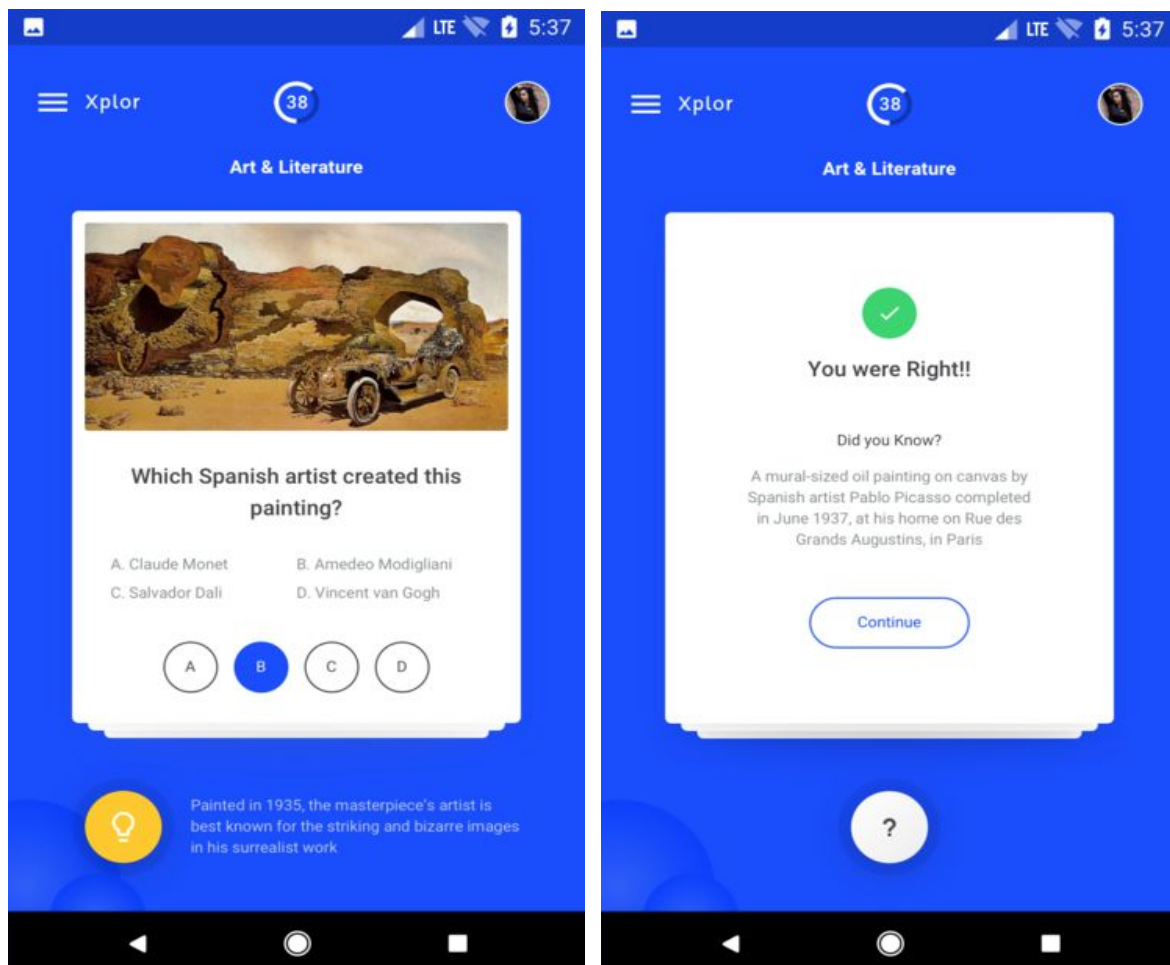
The idea is to enhance the museum-going experience of the user by gamifying the visit and to convey backstory and trivia behind the rare and exciting artefacts. A leaderboard is maintained so that the users can compare their progress and expertise with the rest of the art loving community.

Game Flow:

The landing screen shows the museums available within the vicinity and a brief description for each would be shown as a carousel. The user can select a museum to enter.
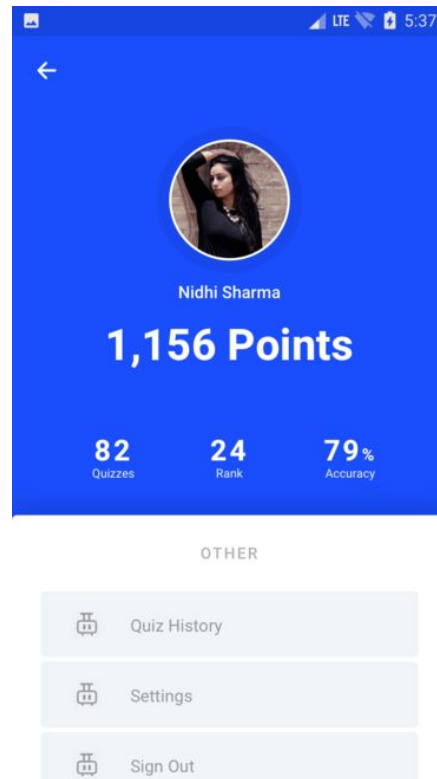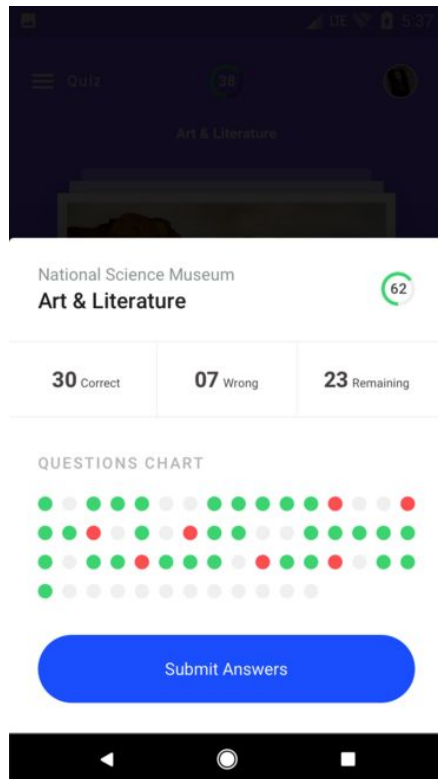
Each museum would contain questions on several topics like Arts and Literature, history, science and technology, natural history etc. The user can choose the topic of question that he/she wishes to answer.
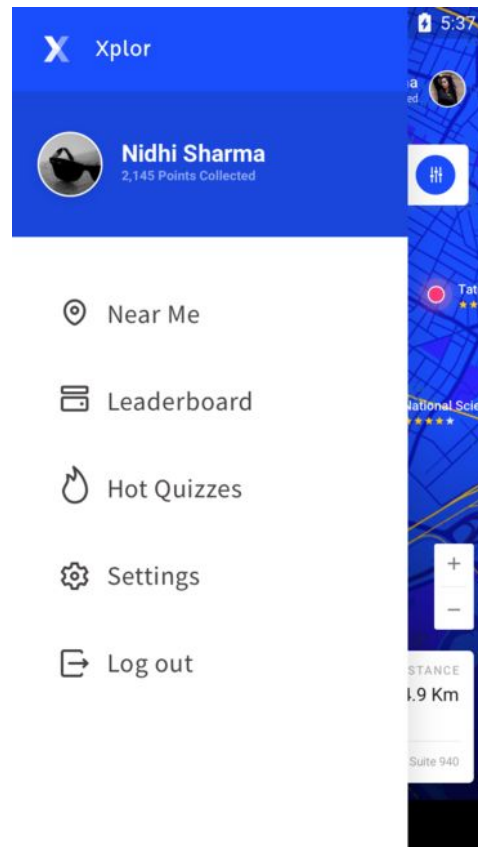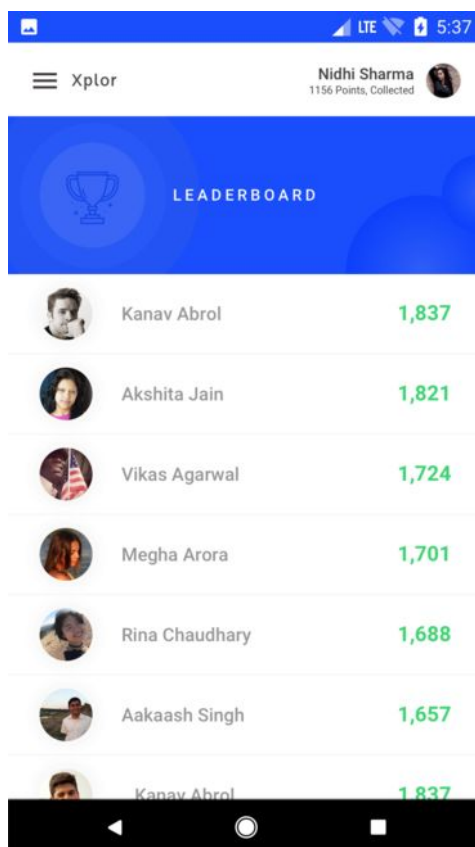

Based on the topic selected, questions are displayed as cards which the user can choose to answer or skip. The response to a question which has been answered (correctly or incorrectly) cannot be changed later. The question can be answered by selecting an option and submitting and can be skipped by swiping the card in any direction.

All the questions would be of the **multiple choice** category. Each question could have points associated with it depending on the complexity of the question. The points from the correctly answered questions add to the overall points of the user's profile and determines their rank on the leaderboard.

The questions for a particular museum can be curated by the museum staff themselves which helps maintain the quality of content.

The leaderboard can also be a place where users discover people with similar interests and get to discover new places which people are visiting more often.

Vision and Prospects:

The idea of creating and managing user profiles is to foster localized art loving communities. The local leaderboard helps users keep up to date with their friends and other users with similar interest users.

Users can create groups amongst their friends and have close knit competitions.

When a user visits a new city, this helps pick the best and most interesting museums around them, and helps get the information regarding the most important artefacts available at the museum through questions carefully curated by the museum staff themselves.

Technical Details:

Xplor is an app designed for android. The panel to set the questions and metadata for the questions would be provided as a web interface to the museum staff.

Users cannot view the quizzes without logging in, which helps keep track of the user profiles clearly. The questions would be loaded upfront on the app so that the user can attempt questions and view the results despite network interruptions. The progress would be saved with the server when the network is available.