

Answer 1:

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.

When the user opens the app, all the museums available in the vicinity are displayed and the user can open quiz questions on any particular museum. The questions to be available in the app would be curated by the museum staff based on their experience and domain knowledge. For the purposes of the submission, we would be defining questions based on our own visits to the museum and data sourced from elsewhere.

A local and global leaderboard is maintained so that the users can compare their performance and exploration levels with people of similar interests

Answer 2:

The main problem museums or any arts and cultural exhibitions face is the limited mass appeal. The appeal is limited to a niche group and gets difficult to expand beyond a point. Especially in a world which is rapidly integrating technology into daily lives, museums cannot afford to be left behind. Our idea was to solve these hurdles by integrating the museums with the user's smartphones and make the experience of museum visit more exhilarating through gamification.

The idea of a challenge that can be solved within a set of museums competing against the rest of the world through the confines of their smartphones seems like an interesting way for the museums to increase footfall. The widespread popularity of games modelled on treasure hunts have already shown that the masses have appetite for such ideas.

The goal is to enable creations of global communities of people with preferences in arts, science, history and culture and to make the process of discovery for first time museums visitors more fun. The museum staff would best know about the importance of the artefacts could guide the visitors to receive the best possible information by using the questions, hints and trivia available in the game as a tool.

Answer 3:

Xplor is a mobile application built for android. The backend to handle the requests and responses is built on python using the django framework. A web interface for the museum staff to define the questions, add more museums, add information about museums etc, would also be provided.