

CAD PROJECT SPECIFICATION

Team Members:

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Project Name: Event Listing Website

Project Description: The web application will be used as a platform to list events. The website aims to facilitate creation of events. The events can be viewed by the end users and tickets can be purchased which will be emailed. The website will provide list of recommendations based on user interests and previous transaction history. The website will have a chatbot to assist users with queries. Additionally, facility to provide ratings and various ticket packages.

Project Features:

1. Create, Search and View events. Events will be bifurcated into various categories based on the type of event.
2. Selection of event categories which is of interest to the user based on which events will be listed on the homepage for the user.
3. Events can be marked as 'Sponsored' events at the time of creation which will be given a highest priority during listing.
4. Recommendations for events based on previous transaction history of the user.
5. Various types of ticket packages such as Refundable/Non-Refundable/With Beverages/Without Beverages etc. can be provisioned for all the events at the time of event creation.
6. Recommendation to choose a package based on the analysis done for overall purchase history for the event. This analysis will determine the most preferred package.
7. Purchase tickets for events by providing basic information. No actual financial transactions will be involved but only dummy transactions.
8. Automated ticket purchase confirmation email to the user.
9. Ratings functionality for all the events. All ratings will be analyzed to derive the overall rating and general sentiment (Positive/Negative/Neutral) with respect to the event.
10. Login via Google credentials.
11. Support Assistant Chatbot.

Technology/Framework: Ruby on Rails