DIGITAL DIARY

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I. ABSTRACT

There are many activities that people prefer/opt out attending and these events are announced for attracting people. An intelligent recommendation system can be used in a social networking site in order to recommend people according to content and collaboration assessment.
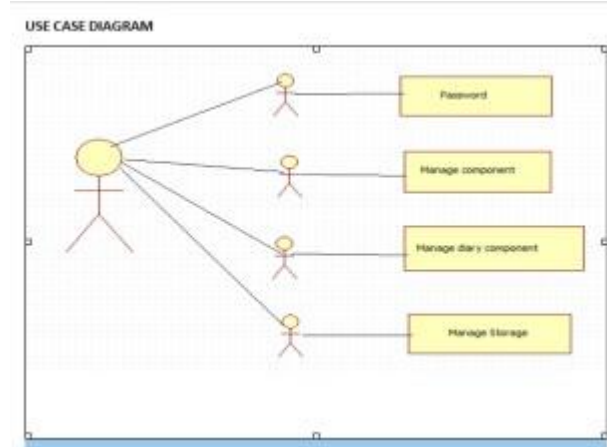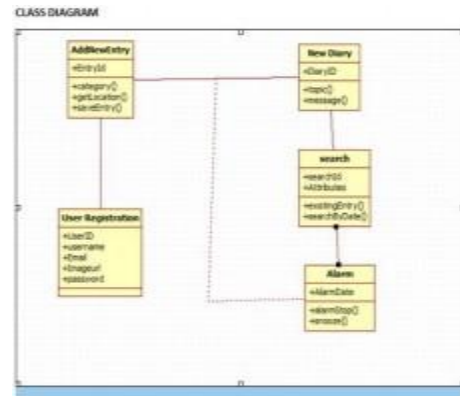
This study is an effort to recommend events to users within a social networking site. System collects event data from users , while setting up their digital diary .It also permits users rating events they have attended or planned. Given the keywords used by people, the system tries to recommend upcoming events to users. For this purpose a combination of content based and collaborative filtering has been used. We have also taken geographical location info and social concepts of an events
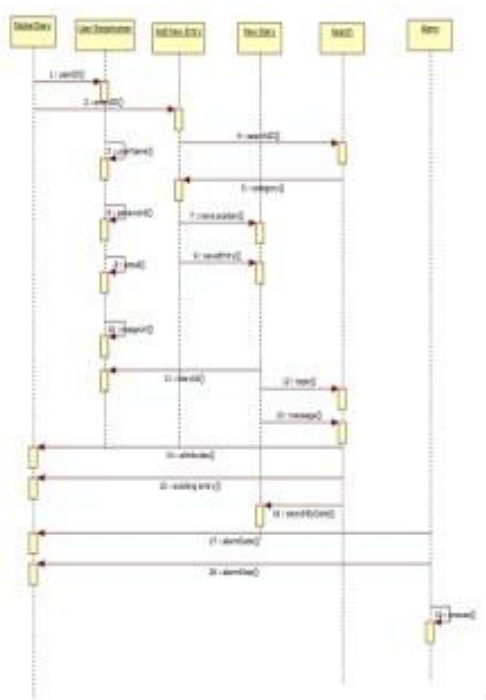
A. INTRODUCTION

To create an application which can be used by a user to book his appointments/events. User will get regular updates once an appointment is booked. With the help of suggestions and interests the user will get notifications of a similar event/program happening within the nearby area. With the help of suggestions and interests the user will get notifications of a similar event/program happening within the nearby area. Machine Learning which is an application of AI will be used to get the proposed output.

The main scope of the project is to provide a digital diary , where user has hassle free experience to fill in all his details, An integrated map ui where user can checkout all the locations of the events he's about to visit , plus with the recommender system , the user will get to know about similar events happening nearby .

II. DIAGRAMS

CLASS DIAGRAM

USE CASE DIAGRAM

Sequence Diagram

A. ALGORITHM USED

Collaborative filtering is a technique that can filter out items that a user might like on the basis of reactions by similar users. It works by searching a large group of people and finding a smaller set of users with tastes similar to a particular user. It looks at the items they like and combines them to create a ranked list of suggestions.

There are many ways to decide which users are similar and combine their choices to create a list of recommendations. This article will show you how to do that with Python.Collaborativ e filtering is a family of algorithms where there are multiple ways to find similar users or items and multiple ways to calculate rating based on ratings of similar users. Depending on the choices you make, you end up with a type of collaborative filtering approach.

Naïve Bayes algorithm is a supervised learning algorithm, which is based on Bayes theorem and used for solving classification problems.It is mainly used in text classification that includes a high-dimensional training dataset.Naïve Bayes Classifier is one of the simple and most effective Classification algorithms which helps in building the fast machine learning models that can make quick predictions.It is a probabilistic classifier, which means it predicts on the basis of the probability of an object.

III. RESULT AND DISCUSSOIN

Users who have done the login process are able to create events according to their suitability like birthdays or any organisation event (meeting etc.) as they want. The event will be created by the information like event name, event place, date and when the user want reminder at which time . The user will also get notified when the user is present at the nearby location of the event.
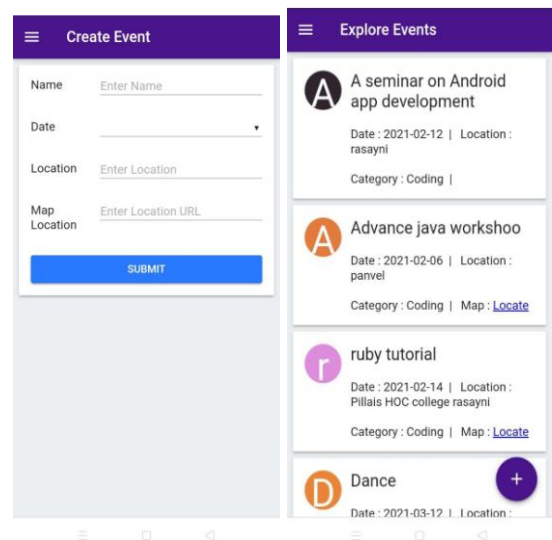
A. CONCLUSION: -

An application which will provide a bug free and smooth experience to the user. The proposed output will help end user manage their precious time efficiently. A GUI which will ensure simple and smooth functioning of the application. ML to provide legit and beneficial suggestion assists.

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