
Project Proposals

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1 Commuter's Companion

Objective To keep log of all travel related information at a central place

Target Audience Group of people travelling together

Features The app keeps the following records

- Reservations in train/ buses and others relevant booking information
- All the travel related expenses
- Integrates with Google Maps to suggest nearby Bus Stops/ Eating Places/ Tourist Spots

Inspiration Scholars travelling from Ropar are currently unaware about other fellow travelling via same mode. It would be boon if the app is able to read the SMS of Train reservation and suggest who is travelling with us.

2 IIT Ropar App - Easy and Usable

Objective To ease students' stay at IIT Ropar and provide one-click access to all relevant updates at the institute.

Target Audience Students of IIT Ropar

Features

- Know about ongoing events, conferences, talks, seminars - Cultural, Academic, Sports etc
 - Add a new events
 - Moderate Existing events
 - Add Reviews
 - Suggest events based on your interest
- Exchange books, lab coats and other stuffs in organised model
- Exchange old Question Papers and serves as Question bank
- FAQs section about
 - The “hacks” at Ropar
 - Academics in terms of courses/ Instructors
 - Re-alive the Wiki of IIT Ropar
- Raise issues directly to corresponding Representatives of Mess, Sports, Hostel

Inspiration Inconvenience at institute due to only email being the only source of information. Leads to spamming and sometimes missing the relevant the information. We don't wish to replace email but integrate our app to help organise - Maybe replace “Gentle Reminders”.

3 Decision Maker

Objective Provides logical flow for taking any relevant decision based on

- Past Experience of user - Weighted on closeness to current situation
- Suggestions from others to user- Weighted on closeness to that person (from user e.g family member, friend, relative)
- Future Goals of user

Features It analyses the model of taking decision close to human. The apps doesn't take decision but provide a flow for taking decision. It gives 'utility' of both decisions.

Inspiration We always resent "The Road Not Taken" but what if we provide solution; the user can move forward.

4 Doctor App

Objective To predict and diagnose the disease based on symptoms, past data of similar patients

Features

- Predict ailment
- Alert when to seek a doctor and which kind of doctor
- Lists the past data of users in terms of percentage successfully recovering from it
- Suggest viable remedies

Inspiration Very few persons are able to consult a doctor of right type in right time.

5 News Sharing App

Objective To bring people with similar interests in news together, and promote mutual discussions on current affairs.

Target Audience Professors and their students, various online communities, educational institutions, any random groups etc.

Inspiration Sharing news with people having similar interests, or goals.
For example: If I and certain friends of mine are preparing for civil services and we want to share a certain news clipping among us all, then this app can come handy.

Layout This app will have certain groups, having group editors as well as members. Group editors will have to contribute to the newspaper in the form of news clippings taken from other dailies or small blogs. Members can suggest certain news, but this has to be verified by a certain editor.

6 Voice Separator

Objective Helps to separate tracks of various frequency from one audio source

Target Audience Music Professionals as well as amateurs, karaoke singers, music technicians, etc.

Features

- Build karaoke tracks
- Separates the 2 voices in a call recording
- Background music from a conversation