

Mobile Application for Diet Recall

Problem Statement: "Background: A diet recall is a dietary assessment tool that consist of a structured interview in which participants are asked to recall all food and drink they have consumed in the previous 24/7 days etc.

Summary: It relies on a trained interviewer to give proper dataset and interviewing questions to set in the mobile application, an accurate memory of intake, an ability to estimate portion size, and the interviews' reliability to not misreport. Consultancy record of dietitian is mandatory to authenticate application questions and reliability

Objective: Mobile Application to keep track of Quantity/Quality/type of food taken (with pictorial images) Built AI Based smart food analyzer Application that allows user to keep track of their food and also recommend best dietary chart based on their vat, pitta, and kapha state. And also (Carbo/fat/protein etc...) (Ayurveda – Rasa etc.) Mobile application should generate monthly /weekly report of the user. Application should have gamification feature which motivates the user to follow the diet chart (Like badges, points etc...)"

App for Ayush Services Availability

"Background: There are approximately 4000 Ayush hospitals across India distributed under different council and hospitals of the government of India.

Objective: Ayush hospitals finder application using google Map API which shows the location and nearby Ayush hospital with opening time and closing timing and by integrating various bio-medical data sources, containing information relevant to the hospital demographics, their inpatient procedure rates, Outpatient department etc."

App for government asset management

"Summary: There are 15 lakhs schools in India, plus District/block/cluster level centers, regional offices of the Central Government, etc. Both Central and state Governments need to manage their assets Details of building such as type, size, area, year of construction, capacity, rooms, labs, maintenance required, etc. should be available along with GIS mapping of location, present use of building, etc. An App-based solution is required."

Real Time Satellite Imagery dissemination app

"Development of an app for dissemination of satellite imagery data in jpeg format of INSAT 3D and INSAT-3DR from central server placed in Satellite Meteorology Division on real time basis. The app should have user selection features such that: 1. Satellite Selection, 2. Payload Selection, 3. Channel selection, 4. Sector selection, 5. Product Selection, 6. Date & Time Selection Animation feature should also be provided in app with the data of at least last two days, along with user selection features as mentioned above on the lines of RAPID. The app should be able to run on Android/Windows/MAC OS. Sample Dataset required: Yes, file names and sample jpeg imageries will be provided through dedicated link or through ftp mode."

Mobile Operator Booking Platform.

"Aadhaar has on boarded mobile operators to undertake enrolment and update of the residents demographics and biometric data. Our operators move from door step to door step to perform enrolment and update activity. Each of our operators is equipped with a Tab or mobile device to perform update and enrolment activity. Your task is to create a platform which will capture the current location of the operator and display on a map and refresh it at a defined interval. The platform to support following:- Display the operator location on the map and refresh it Operator location to be shown only when he is logged to the platform and during his assigned working hours. Along with the location, additional attributes like free hour (slot) availability in the day must be shown. This information is to be used by the resident to book the operator for door step delivery of the Enrolment and update service. The platform must also provide means to call the appointment booking system of UIDAI to request services of the operator at an available time slot. The platform must also provide residents feedback for the operator. If the operator is already exhausted the slots or she/he has consumed his daily quota, further appointment booking should not be allowed. Her/His location may be shown in a different colour."

Development of an app where general public can report information on drug trafficking anonymously.

India lies sandwiched between two of the world's "three key production areas" for opium, leading to an illicit drugs crisis. But cross-border trafficking holds only part of the explanation for the illicit drugs trade that runs through India. India's pharmaceutical industry is "the largest provider of generic drugs globally", as per the department of pharmaceuticals, Ministry of Chemicals and Fertilizers. But there have been reports of clandestine manufacturing and siphoning of synthetic drugs, as well as illicit trade in chemical precursors. Currently there is no digital way of reporting

drug trafficking. The only way is to reach out Narcotics squad or nearby police station. However, this is not feasible since majority of public will not be ready to disclose their profile or will not be ready to spend their time physically. The intended solution should enable public to report the findings of drug trafficking in their locality anonymously. If the system is anonymous there could be possibility of large number of false alarms, and some can be intentional too. Hence the solution should enable filtering out the false alarms by employing any kind of machine learning models. The solution should enable the public to upload any relevant information about the finding and it should be easy for the user to use with different language. supports.