

Problem Statements

1. Online Issuance of Caste and Other Certificates with Real-Time Monitoring

Problem Statement: The current process for issuing caste and other certificates in the revenue department faces delays and backlogs due to inefficient documentation management and coordination. A real-time online system is needed to streamline the process, eliminate backlogs, and ensure timely issuance of certificates.

2. Utilizing AI Chatbots and Machine Learning for Mental Health Treatment

Problem Statement: In mental health treatment, many patients face challenges such as incomplete alleviation of depression symptoms, high attrition rates, and loss of follow-up. AI chatbots and machine learning can be utilized to provide continuous support, personalized treatment, and proactive follow-ups to improve treatment outcomes and engagement.

3. Developing a System for Managing Fee Receipts and Lost-and-Found Issues in Educational Institutions

Problem Statement: Students often face difficulties in managing fee receipts, with risks of losing pay cheques or cash. This leads to complications in documenting payments. Additionally, there are issues related to lost-and-found items, often communicated through emails, which can be cumbersome to track. A dedicated digital system is needed to securely manage fee payments and receipts, while also providing a streamlined process for reporting and tracking lost-and-found items within educational institutions.

4. Creating an Integrated Platform for Student Projects, Previous Year Exams, and Notes Across Universities

Problem Statement: Students in Indian universities and colleges put significant effort into academic projects, but there is no centralized platform to showcase this work. Developing an integrated platform for all universities and colleges to share student projects, previous year exams, and notes would promote peer learning, encourage innovation, and facilitate cross-functional research, enhancing the overall academic experience for students.