

UE20CS352 – OOADJ
Lab Assignment – 1

Identify the use cases and actors and their relationships for Unique Identification Number System and depict it with a Use Case diagram:

UID Number Automation System: To simplify the process of applying for a UID Number, a software system has to be created. Initially the applicant will login to the UIDN system and book an appointment to visit the local UIDN centre. The official at UIDN centre, on verifying the appointment, uploads the documents and biometrics of the applicant to the system. The backend officials then verify the documents and approve application which results in an UID number being assigned to the applicant. After the UID number is assigned, the backend official will print and dispatch the UIDN card to the applicant. The official can send an e-copy of the card to the cardholder if he/she has requested for the same in the application. At any time after receiving the card, the card holder can request update to their details in the system. For details other than biometric, the card holder themselves can upload the required documents on the system, which will then be processed by backend officials and new card with updated details is issued. For biometric details update, the card holder has to take an appointment to visit the local UIDN centre. The official at the centre then initiate update to biometric details. Any third-party organization can request authentication of the user in two ways. 1. Given an UID number, fetch basic details like Name, Age, and Gender etc. 2. Given a biometric fingerprint, fetch the last four digits of the UID number along with the Name.