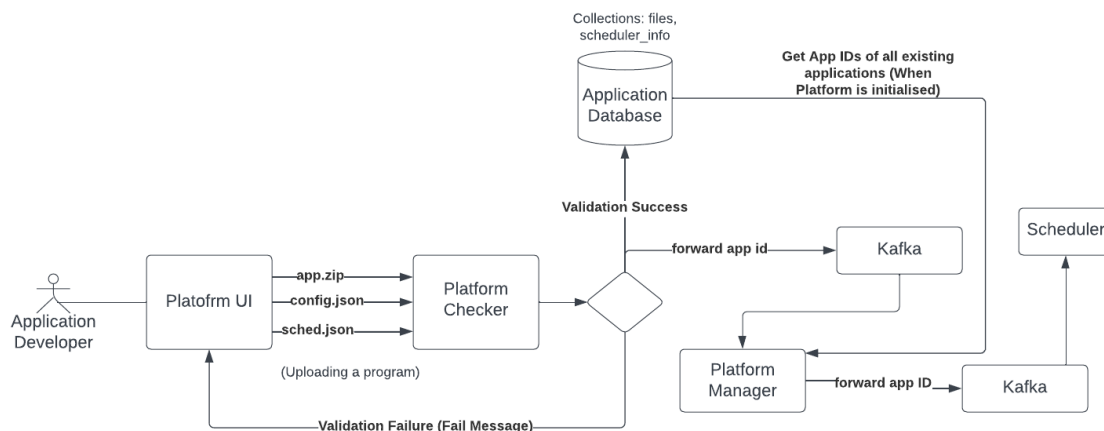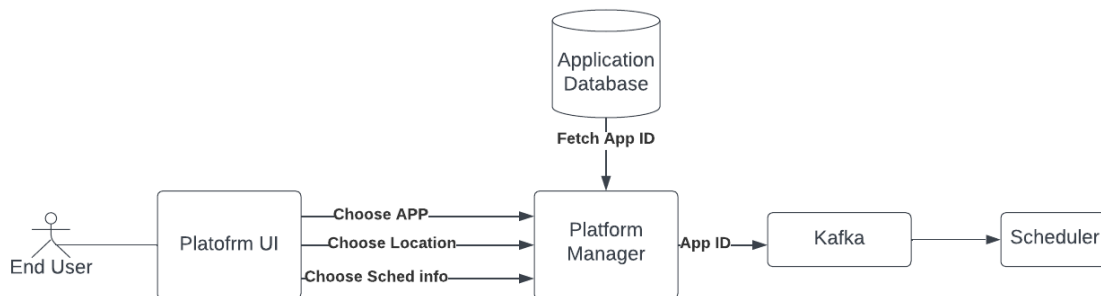IAS
Group 2
Team 2

Platform Manager:

Application Developer Side:

End User side:

The platform UI offers the application developer to upload their IOT application and view their existing applications. The developer shares the application code in the form of a zip file, the config json file according to the pre-defined parameters of the platform and the scheduling information in json format (can choose to have no scheduling as well). The config file goes under validation. On success, the entry for this application is made into the database and the platform manager is notified about this activity. The platform manager then sends the app ID of the newly registered application to the scheduler to schedule the app for working.
No other sub system will have access to the database, hence for information retrieval, the modules will need to create a request to the platform manager (via kafka) and get the suitable response.