Project: Path deviation Alerts Application

Description: Under this project, Students have to develop a API based app which will allow users to define paths, fences for persons or vehicles. Application should send an alerts to user if person/vehicle deviates from define path.
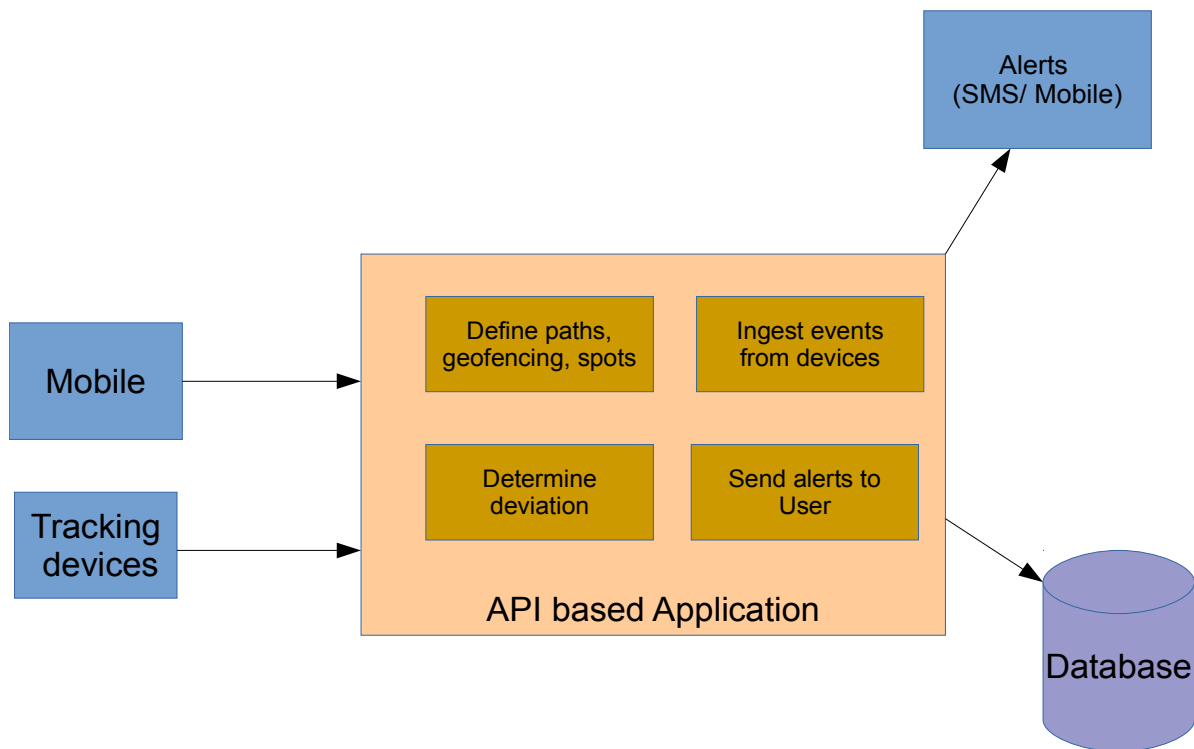
Following features should be implemented:
1. Receive events from mobile or tracking device
2. Define paths, fences, and major destinations (start/pickup/drop/stop)
3. Provide last/latest location of tracker/mobile

Application should be capable to determine deviation for:
1. Geofencing
2. Path
3. Major destinations (with +50/-50 meters)

Note:- overall development should be in Spring boot, hibernate, mysql

<u>Deliverables</u>:

List of artifacts that should be produced for this project:

1. Project Report including Sequence Diagrams
2. List all modules of web application and related functions
3. Source code of web application