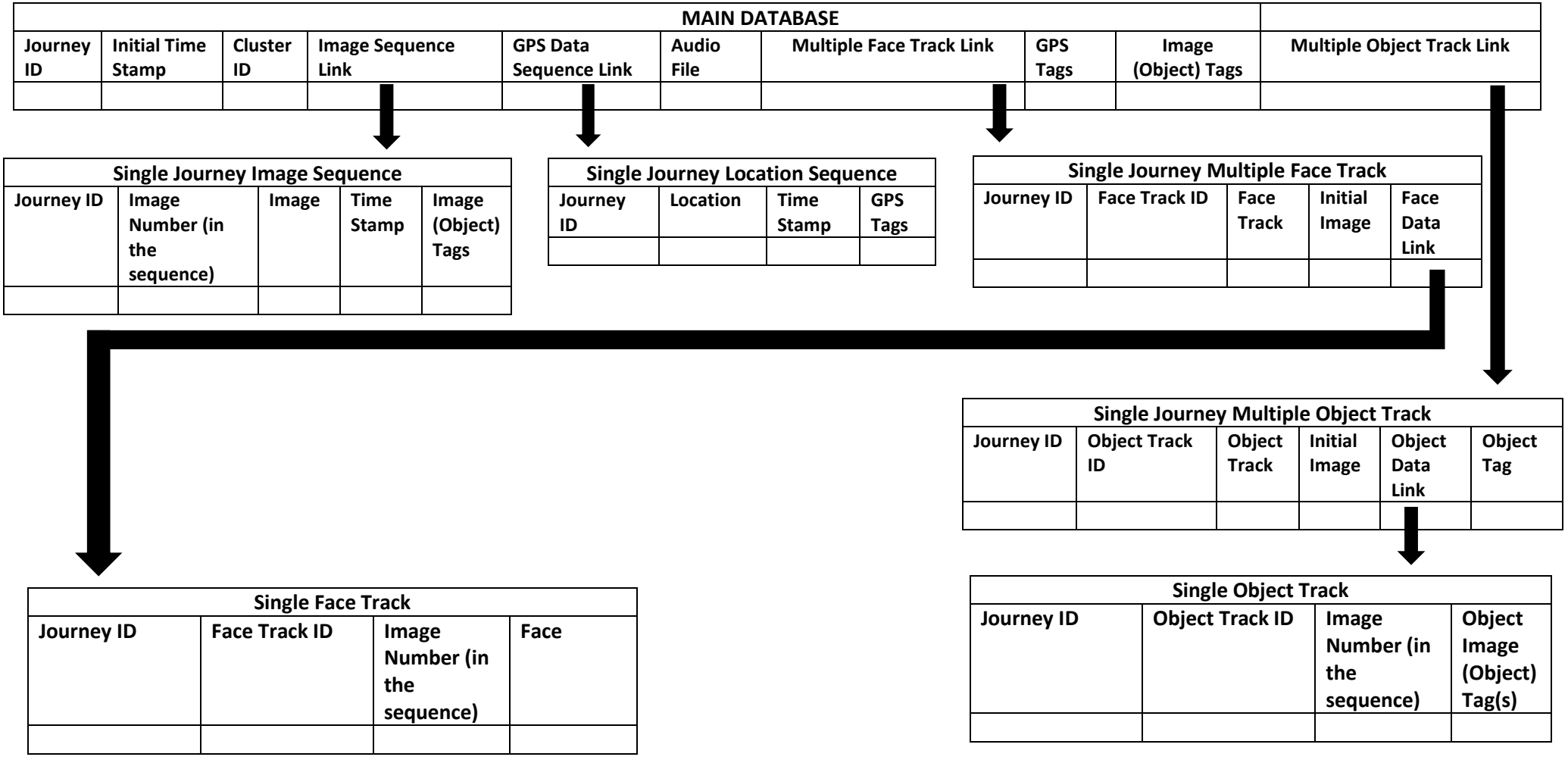
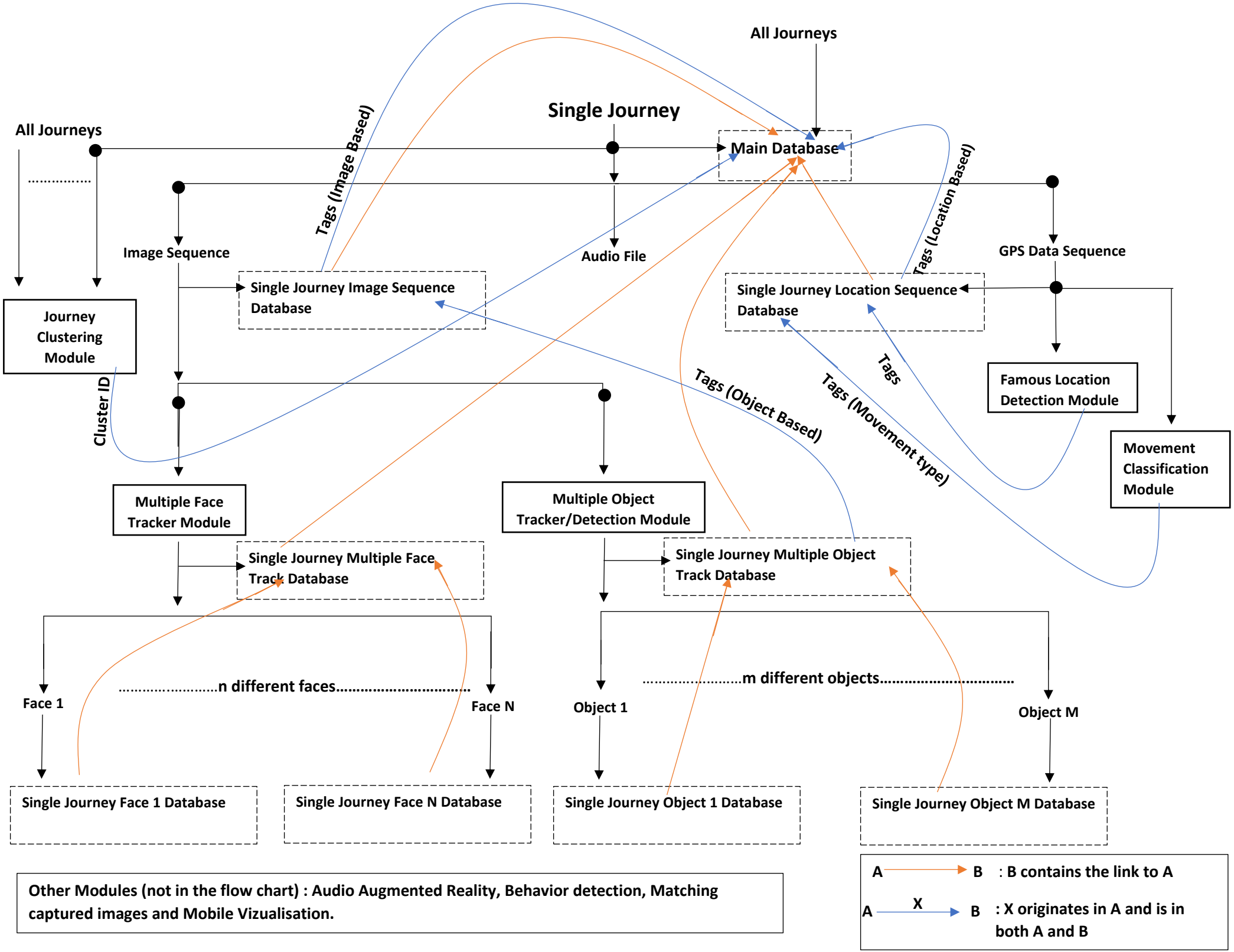


Database Structure

Database Flowchart (below)


All Journeys
Single Journey
All Journeys
Main Database
Tags (Image Based)
Tags (Location Based)
Image Sequence
Audio File
GPS Data Sequence
Single Journey Image Sequence Database
Single Journey Location Sequence Database
Journey Clustering Module
Cluster ID
Tags (Object Based)
Tags
Tags (Movement type)
Famous Location Detection Module
Movement Classification Module
Multiple Face Tracker Module
Multiple Object Tracker/Detection Module
Single Journey Multiple Face Track Database
Single Journey Multiple Object Track Database
n different faces
m different objects
Face 1
Face N
Object 1
Object M
Single Journey Face 1 Database
Single Journey Face N Database
Single Journey Object 1 Database
Single Journey Object M Database
Other Modules (not in the flow chart) : Audio Augmented Reality, Behavior detection, Matching captured images and Mobile Vizualisation.
A → B : B contains the link to A
A →X B : X originates in A and is in both A and B