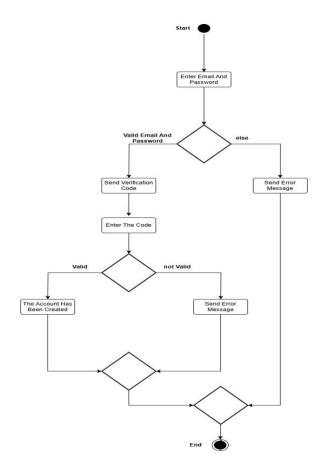
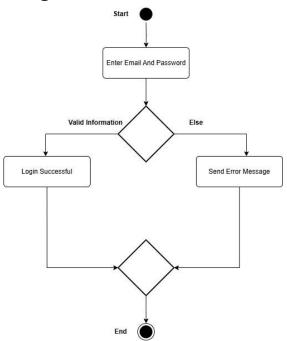
Chapter 6 : Analysis phase-UML system models [Safe Haven Watch]

Active Digram:

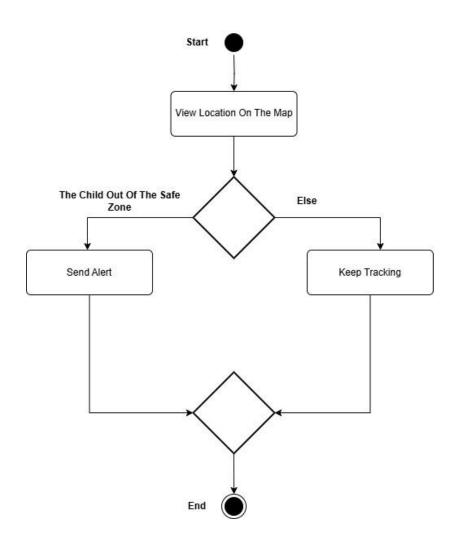
Create Account



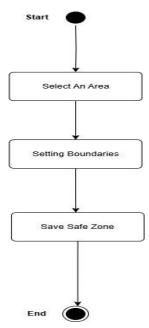
Login



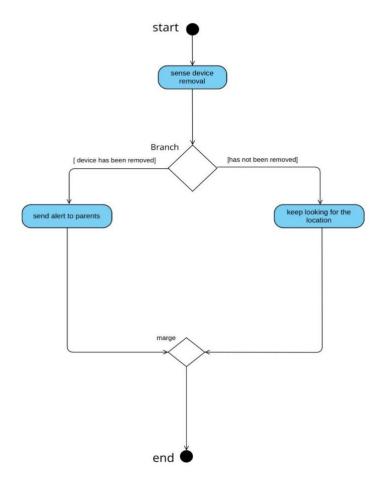
Real-time location tracking



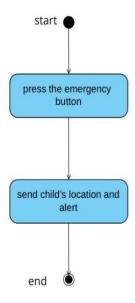
Define Safe Zones



Device tampering Alert



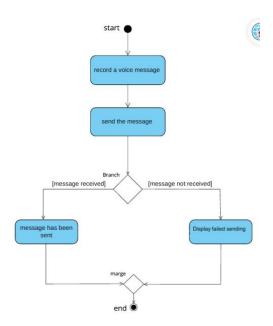
SOS Alert



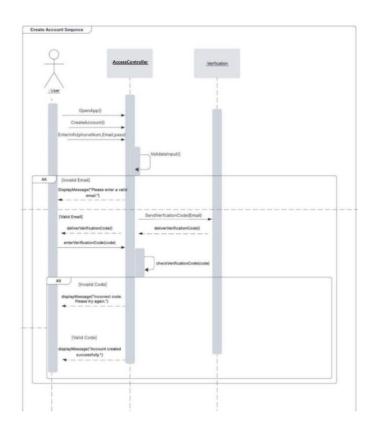
Report and update child state

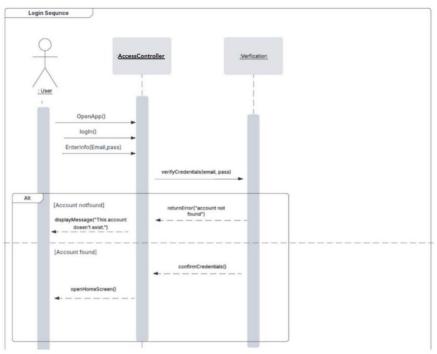


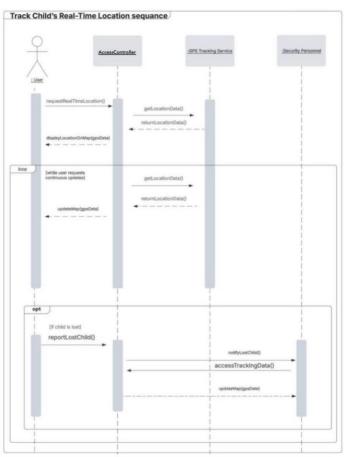
Voice messaging:

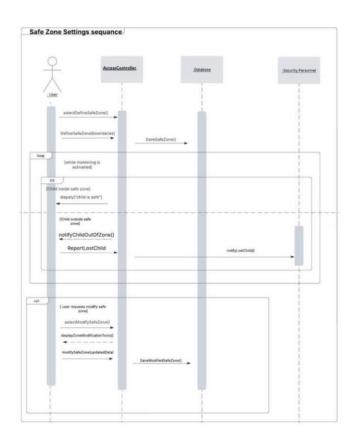


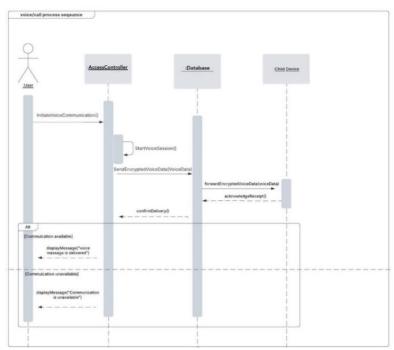
Sequence Diagram:

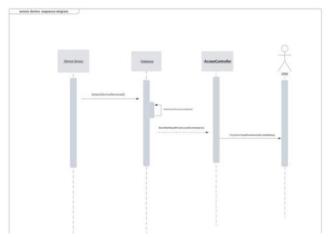


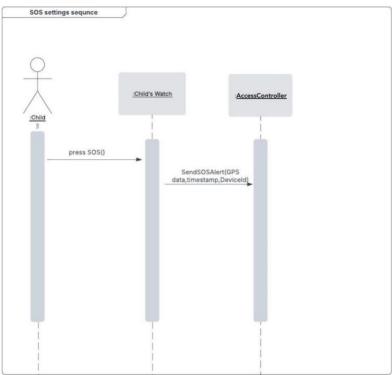


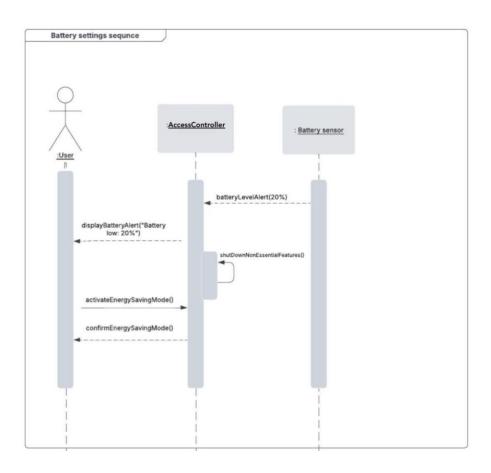






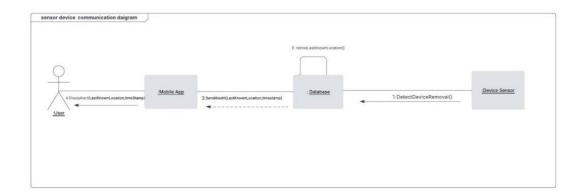






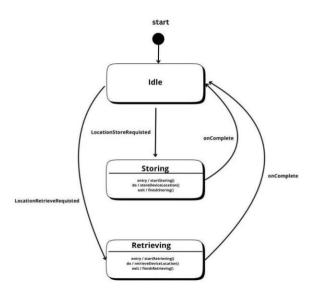
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Communication Digram:

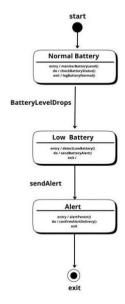


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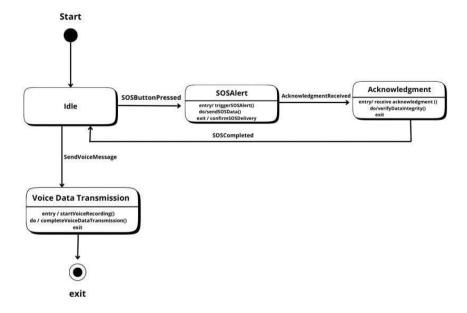
Database



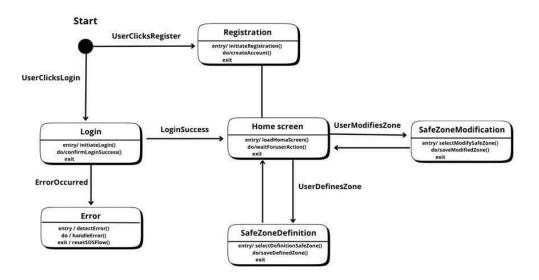
Battery



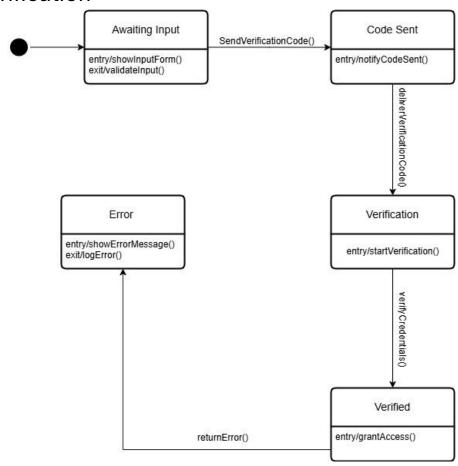
ChildDevice



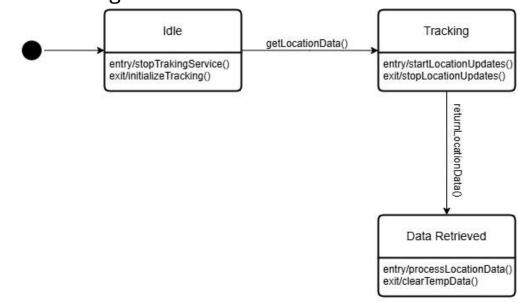
Parent



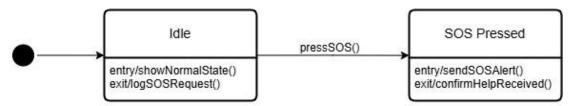
Verification



GPSTrackingService

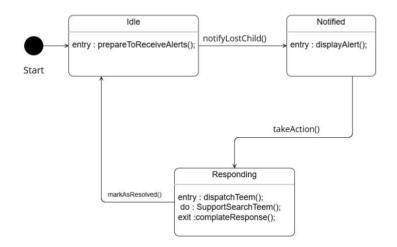


Child



SecurityPersonnel

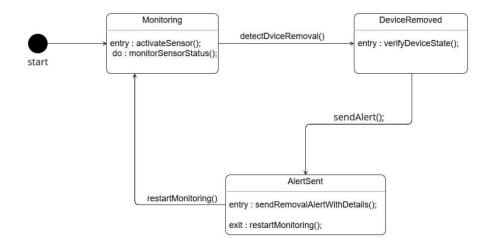




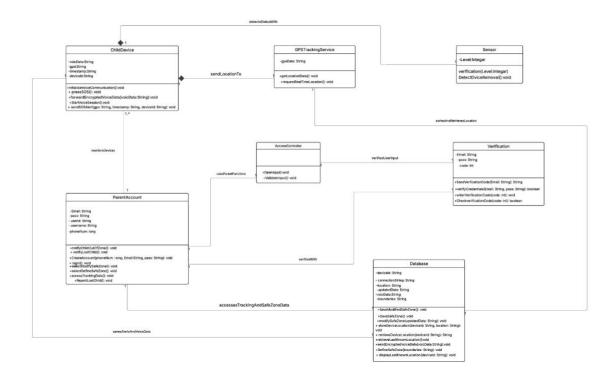
StartScreen entry: initApp(): ext / OpenLogin(): Tracking entry: initMap/View(); do: updateLocation(): SaleZoneMgmt entry: SaveModifiedSafeZone(): SaveModifiedSafeZone(): Sosp1reckings) Made with Visual Paradigm For non-commercial use Login entry: EnterLoginScreen(): Login((credentials invalid) HomeScreen entry: ShowHomeScreenOption(): ext : SaveModifiedSafeZone(): SaveModifiedSafeZone():

DviceSensor





Class Diagram



Chapter 7 : Design phase-UML system models [Safe Haven Watch]

- Component Diagram

