**System Context Overview:** The platform connects university users through a carpool coordination tool with real-time parking data and verified access. It communicates with parking databases and ID authentication systems.

**Context Objects:**

* Digital ID System (authentication)
* University Parking Database (real-time data)
* Mobile App Interface
* Notification Service
* Carpool Matching Engine

**Requirement Sources:**

* Students and Staff (commuter needs)
* IT Department (SSO and data access)
* Campus Security (verification and safety)
* Parking Management (rules and incentive data)
* Similar platforms (e.g., Grab, Kumpool)