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# CS255

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# CS 255 System Design Document

## UML Diagrams

### UML Use Case

A close up of a map

Description automatically generated

### UML Activity

A close up of text on a white background

Description automatically generated

A screenshot of a cell phone

Description automatically generated

### UML Sequence

A screenshot of a cell phone

Description automatically generated

### UML Class

A screenshot of a cell phone

Description automatically generated

## Technical Requirements

* The host machine is an important technical requirement for running a backend database and web interface, as without a host machine there is no way to support the system.
* To properly propagate the system out from the host machine to remote users, a stable internet connection is needed.
* A payment processing tool that would at least be able to process user payments by card. A nice-to-have function of this would be to also accept payment by bank or mobile payment vendor.