Project 2 Requirements:

1. A **working** (user acceptable) system for two use cases
2. Core Java
   1. Multi-tier, (starting from 3-tier)
   2. model-view-controller
   3. client/server architecture
3. The server component could run independently in a cloud-based service.
4. The client component could run independently in any desktop computer.
5. Recommended OOP:

Composite, Adapter, Proxy, Façade, etc.

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Aspects to implement:

Users:

Product Search

Category (Type)

Product info present

Payment

Checkout

Cart

Back end:

Data Access

Local

AWS cloud (dependent)

AWS cloud (dependent)

Category (Type)

Model-view-controller

Seller:

Product Admin (Business logic)

Category (Type)

Report (Not required for now)

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Task division:

* Donna: Data Access Layer (interface between database and other modules)
* Ravindra: model-view-controller,
* Leshan: Continue on user product search part, employ server on AWS cloud
* Mehnez: payment processing (i.e., Google pay, Paypal, Apple Pay and their sandbox / emulator i.e. IXOPAY)

Stage 1: (Till 10.17)

Donna finish data access by 10.17

Leshan finish AWS cloud research by 10.17

Mehnez do research on payment processing and try start coding on it

Ravindra start MVC implementation

Stage 2: (After 10.17)

Leshan set up server on AWS and listen to request.

Donna build interface that access server.

Mehnez continue doing research on payment processing and start coding on it.

Ravindra continue on MVC implementation.

Stage …