

Proposal Template:

Project Participants:

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Title:

Customer PC Builds

Executive Summary:

User selects options for a personal build of a PC and leaves contact info in case of needing to be reached. Selection is stored and a price is calculated, a mock shipping will occur of "shipped" after 1 week but will be substituted by just a minute passing from completed order for proof of concept.

Initial Features:

- Entities: Customer_Information, Order, CPUs, GPUs, Memory
- A User can perform the following operations:
 - Login, and use system
 - See part options available(GETs for CPUs, GPUs, Memory)
 - Add parts to order(POST Order)
 - Add contact info(POST Customer_Information)
 - Review order, change parts if necessary(PUT Order)
 - Send Order, change order status to shipped after 1 minute(PUT Order)

Stretch Goals (to be completed if time allows, or after graduation):

- Implement stock of parts available and mock certain parts out of stock and feedback error to the user when they pick parts out of stock(GETs for CPUs, GPUs, Memory)
- Reduce part stock for available parts(PUTs for CPUs, GPUs, Memory)