

Team: BuildSync

#### Card

- THE SOCIETY OF PC BUILDING needs AN INVENTORY MANAGEMENT SYSTEM because THEY HAVE A LOG OF COMPUTER PARTS THEY WISH TO ALLOW MEMBERS TO CHECK OUT.

#### Conversation

- How can we manage our inventory in real time so it can be accessed by the entire executive board?
- What information do we need to effectively represent our inventory?
- How can we present our inventory so executive board members can easily access any inventory information they may need?
- How can we hold club members accountable for PC parts that have been checked out?
- How can we integrate this new inventory system into our existing website eventually?

#### Confirmation

- The inventory system has to allow board members too see real-time updates on the inventory and any changes in the inventory system must be reflected instantly.
- The inventory must display essential information such as name parts, category, quantity, condition, and availability status. The users should also be able to filter out the inventory based on the category.
- Only board members are allowed to modify the record of the inventory, club member has to log in to check out the parts with their UF ID.
- The design and format of the inventory should over all be user friendly and malle it easy for users to find where everything is.
- The inventory must be designed in a way where it can later be integrated to a existing website.

#### Organize User Stories in a Story Map

- Backbone:
  - Managing Inventory
  - Checking in and out parts
  - Integrating it into a existing website
- User Activities and Steps:
  - Login with UF ID
  - Confirmation of checkout through an email or such
  - Record in real time
  - Board member can track who checked out what
- User Stories:
  - Managing Inventory:
    - "As an executive board member, I want to view all inventory details so that I can track available parts."
  - Checking Out Parts:
    - "As a club member, I want to receive a confirmation email upon checkout so that I have a record of what I borrowed."
  - Returning Parts:

- "As a club member, I want to return a part and update its status so that inventory remains accurate."
- Integration with Website:
  - "As a developer, I want to integrate the inventory system with the existing club website so that users have a seamless experience."