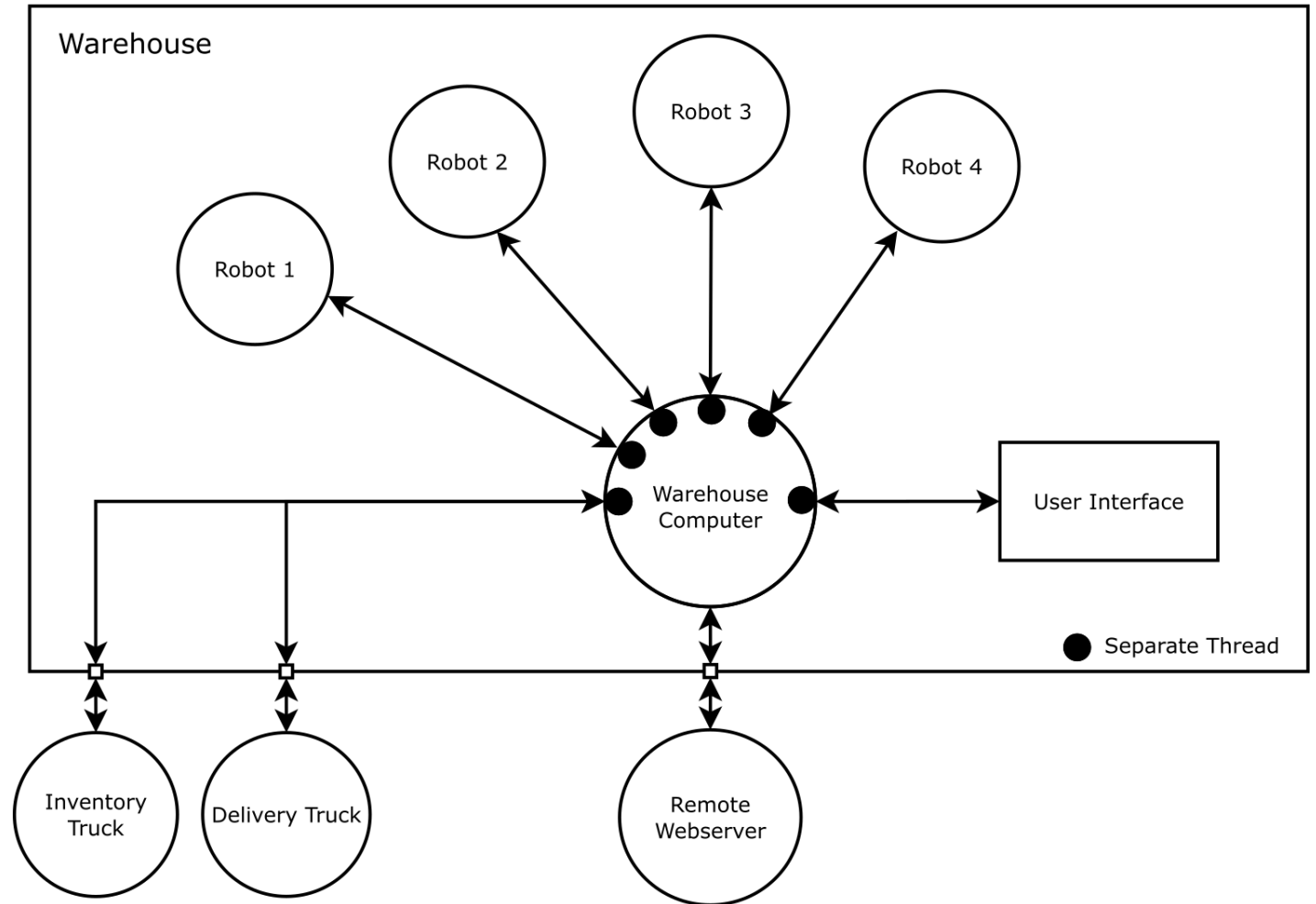


CPEN 333 FINAL PROJECT

BOBBY SMITH, DAVID CHUNG,
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PURPOSE

- Create an automated system
 - The central warehouse computer
 - The user-interface for the computer
 - The automation robots
 - The remote webserver
 - Delivery and restocking trucks



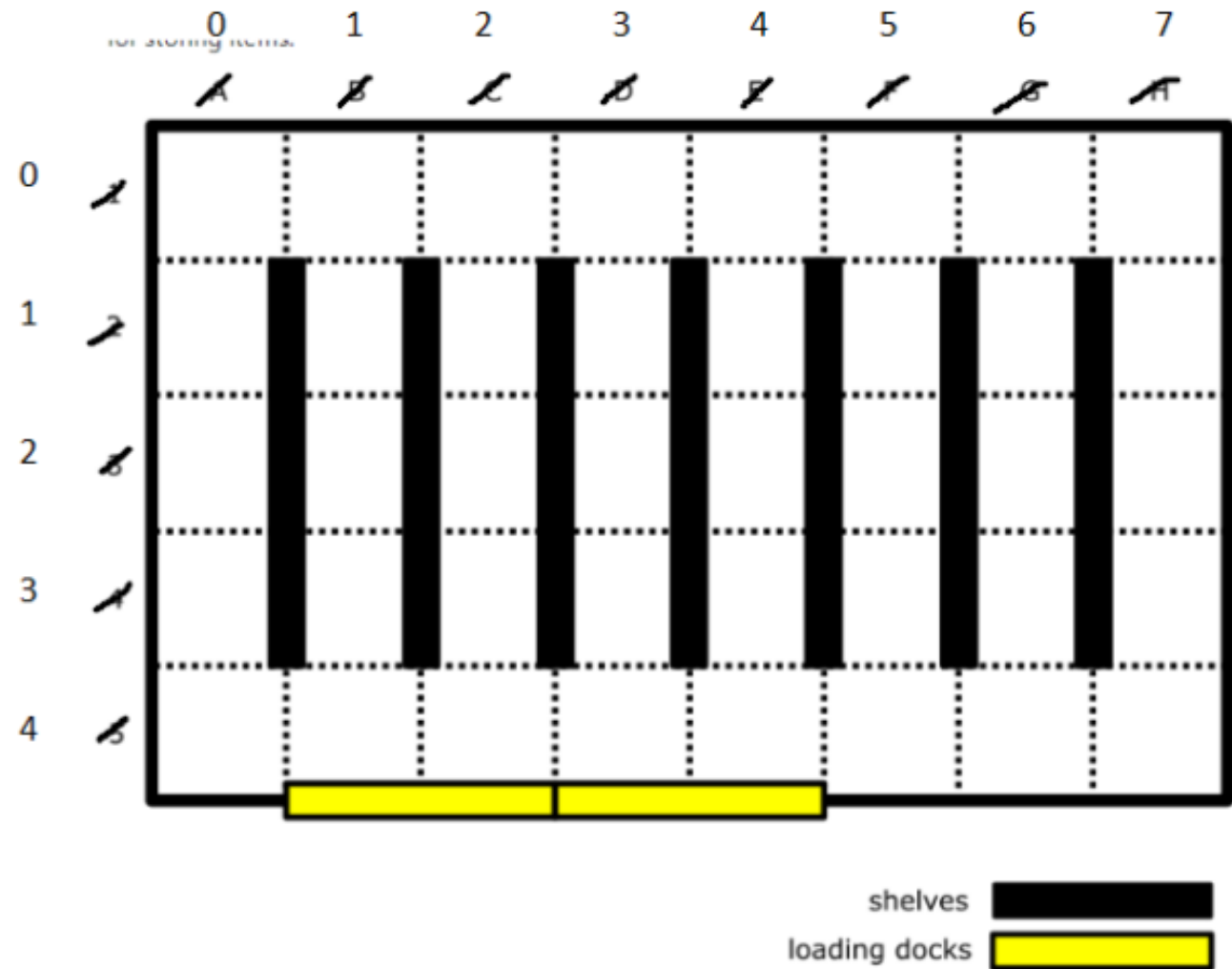


CENTRAL WAREHOUSE COMPUTER

- Main Control System
- Keep track of inventory
 - Warehouse
 - Order from server
- Trucks
- Robots

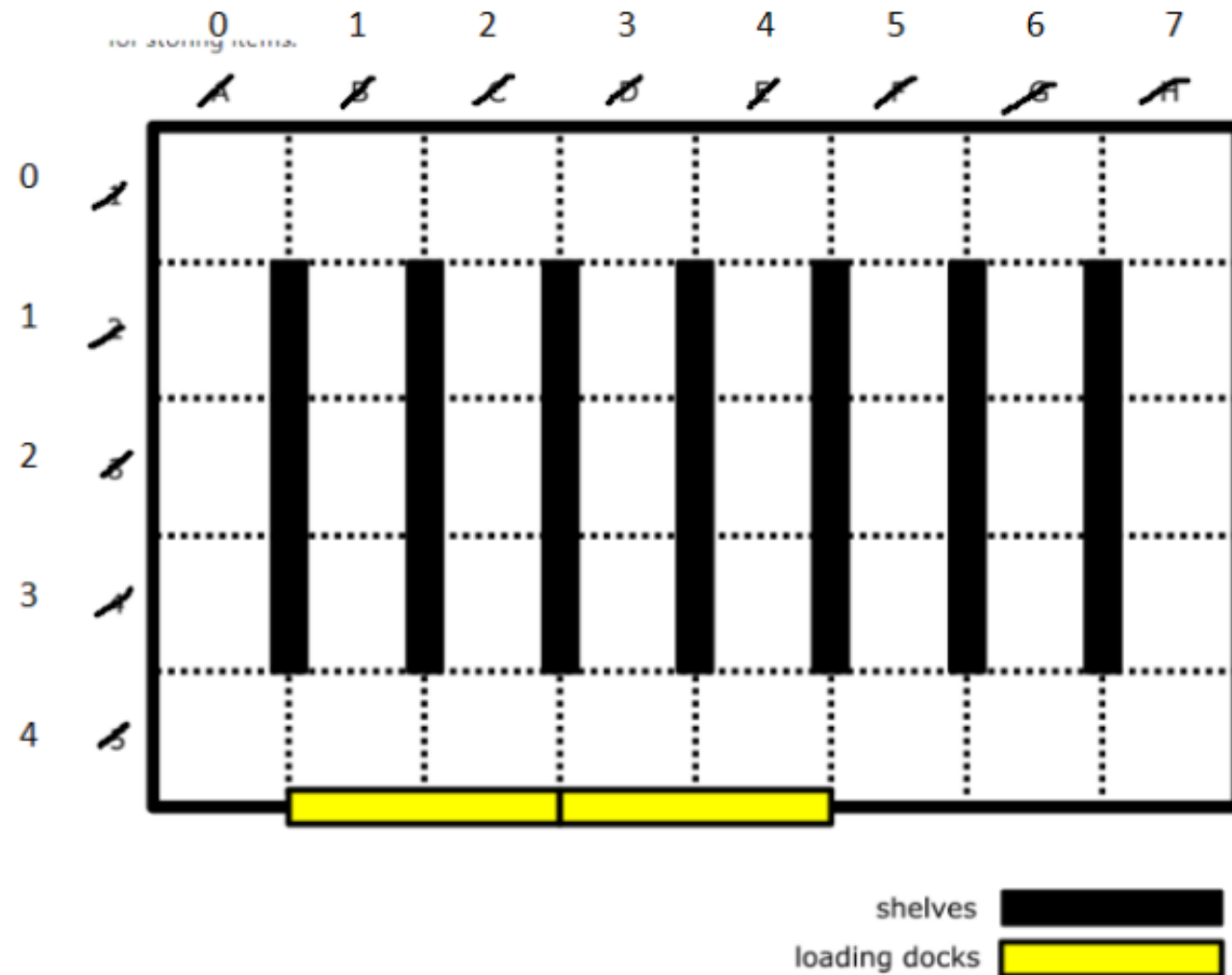
ROBOT

- Warehouse structured into array
- Robot moves clockwise



DELIVERY AND RESTOCKING TRUCKS

- Docks are given tasks
- Items in truck is listed in queue





TESTING PLAN

- A robot movement with given value
- Unit test for functions



TESTING DEMO



MAIN STRUGGLE

- Creating a collision avoidance strategy
- API server and website structure
- Defining docks for truck
- Learning new framework and languages



QUESTIONS