

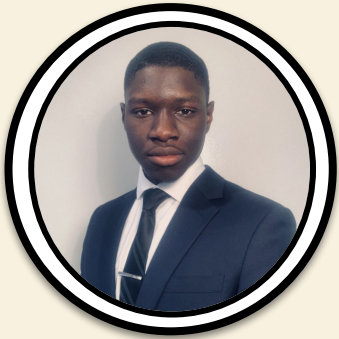


student marketplace



BADM 353 Final Presentation
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Joshua Mok-Chih, Neha Verma

INTRODUCING THE TEAM



Ababacar Diagne

Information Systems



Kyle Luo

Accounting & Information
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Joshua Mok-Chih

Finance & Information
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Neha Verma

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AGENDA

01 OUR IDEA

Introduce iBuy and the Business Need

02 REQUIREMENTS

Highlight functional & non-functional requirements

03 DESIGN

Present Visual Prototype

04 TAKEAWAYS

Cover what we've gone through in class and AYLO chapters



BUSINESS NEED

- Platform where users verify their identify and then have access to buy and sell community-specific items
 - Illini sports tickets, Required Textbooks
- Currently done through Reddit, Facebook
 - Functionally like Amazon but without all Amazon's features
 - Many scammers and fake accounts

OUR IDEA: IBUY

- Student marketplace requiring Illinois NetID & Password verification
 - Similar to Amazon with a “Subreddit” feature



Tangible Value

- Revenue for UIUC by implementing this on campus and selling this to other colleges



Intangible Value

- More convenient - saves time and resources
- Increased student satisfaction and participation in activities
- Enhanced security and improved college reputation

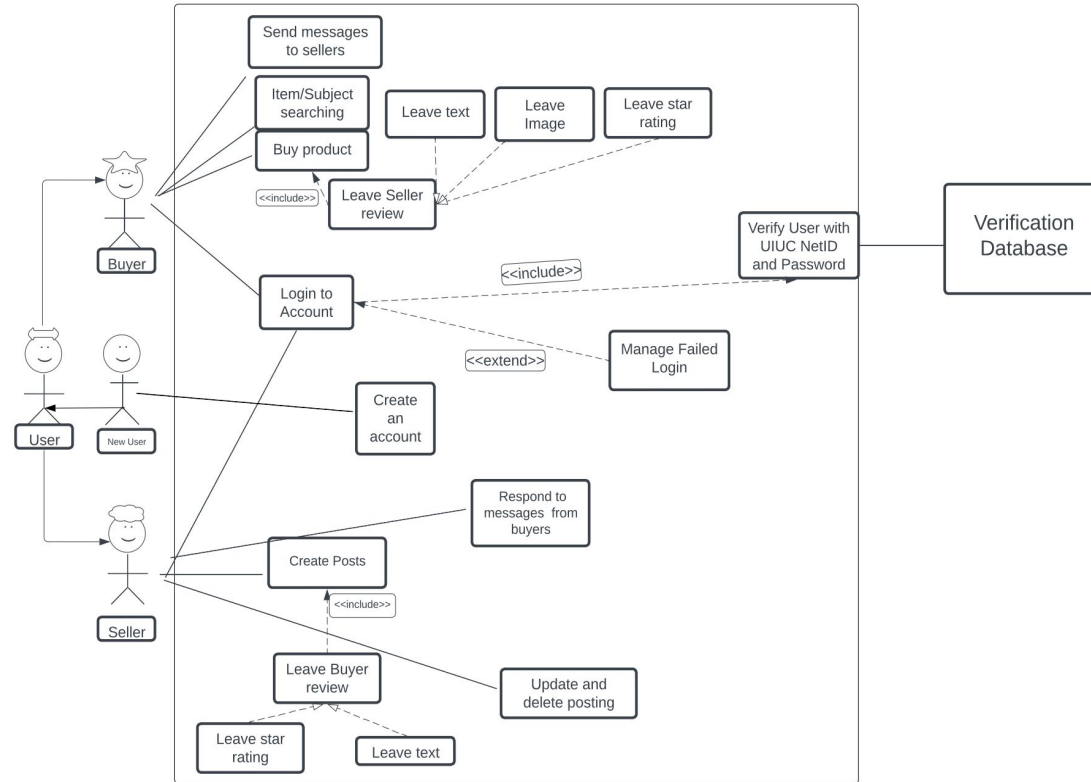
FUNCTIONAL REQUIREMENTS

- Manage Transactions between buyers and sellers
 - Buyer chooses products and completes transaction
- Display products from sellers to buyers
 - Display product to buyers
 - Seller posts product to be sold
 - Seller updates or deletes post of product
- Store reviews from buyers and sellers
 - Record and store reviews on sellers and buyers

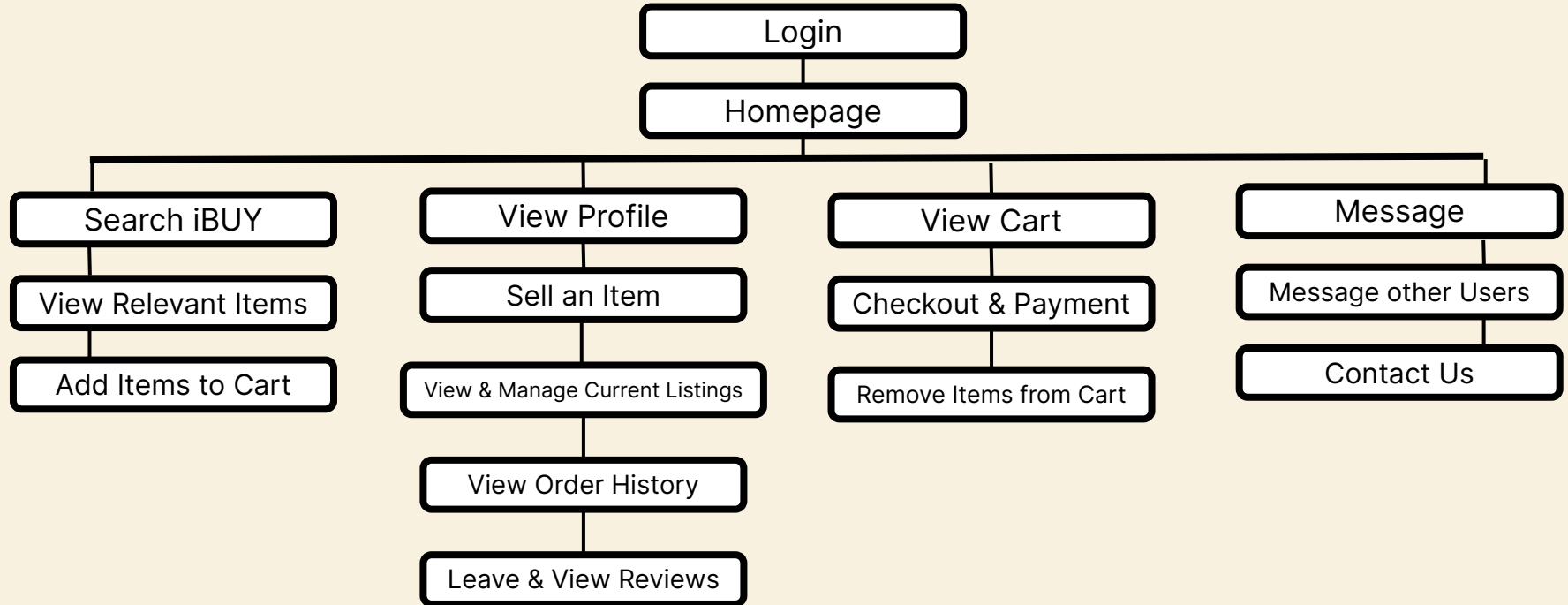
NON-FUNCTIONAL REQUIREMENTS

- Performance
 - Responsiveness of features
 - Transactions
 - Viewing
- Security
 - Exclusively allow UIN
 - Preventative against infiltration
- Scalability
 - Accommodate the thousands of students and staff

IBUY USE CASE DIAGRAM



INFORMATION ARCHITECTURE



LOW FIDELITY WIREFRAME

Login

U-BUY - VC

Sign In

New to UBUYVC

Create New Account

HOME PAGE

Logout
Delivery to XXX

Featured item

recently uploaded

SHOPPING ITEM

X

X X X X X

Register Now

Log-Out

X

Sign In With UBUYVC

Sign Up Now

Cart / order Details

X

X X X X X X
 X X X X X

X

X X X X X X
 X X X X X

order Details

X X X

X X X

Check Out

Order Placed

X

order Details
order # = X X X X X

PROTOTYPE MOCK UP



[Link to Prototype](#)

TAKEAWAYS

Class


- Several aspects of SDLC planning were involved in an **iterative** approach
 - Especially **design**
- We went through numerous rounds of experimentation while developing our prototype for the project

Speakers

- All speakers covered methodologies used at their companies
 - Grainger speaks on **agile** methodology
- Projects are defined by being **adaptive** and **responsive**
- We would use the same approach for iBUY

AYLO

- AYLO chapter lessons covered how to keep working to **redefine** and **upgrade** systems
- **Chapter 19** showcases that there will always be changes to make to any project
- When working on iBUY, we want to strive for a more **tolerable** problem vs. a **perfect** solution



Thank you!
Questions?

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