

CSC 4330 Group F

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Andrew Little**

Austin Kirk: System architecture

Evan Kiser: Use case diagram

Han Lee: Complete project backlog and scheduling

Nicholas Levergne: Personas and scenarios, sprint 1 backlog,
deliverable

Andrew Little: Personas and scenarios

Personas and Scenarios

Brock, a graduating student at Columbus University

Brock, age 23, has just finished his degree in Chemical Engineering at Columbus University. He has a girlfriend and no children. He is a local from the area around Columbus University, but he is not opposed to moving out of the state to further his career. He graduated over the summer with honors and is looking forward to entering the industry professionally. He has even received a great offer, but it requires him to move to a neighboring state. Fortunately, his girlfriend has also found career opportunities in the same area.

Brock already has a new apartment already picked out for himself and his significant other, and he feels that it is time he parts ways with his old college dorm furniture to make the move easier. While he has sold some items over Facebook marketplace before, he wants his old furniture to support the next class of Columbus University students. His girlfriend suggests a new online marketplace website, ColumbusList. Users of the site must verify that they are students with their school email address. Brock makes a mental note of the site for later.

Adam, a freshman at Columbus University

Adam, age 18, is new student at Columbus University. He is from out of state and is acclimating to his new environment. He graduated high school cum laude and is now pursuing a degree in business administration. He is single, but two of his high school friends are also attending Columbus University with him. One of his friends is also his roommate.

Adam and his friends all join the ultimate frisbee club. Adam is also looking at joining the Club of Business Associates. He wants to quickly create a network of friends at his new college to enrich his college experience with. He also needs his and his roommate's dorm to be well furnished so they can invite others to hang out, but they are tight on money and as they are both new to the area, they aren't sure where they can find affordable furniture at. Adam is Googling online marketplaces when he comes across a website called ColumbusList.

Emily, a Sophomore at Columbus University

Emily, age 20, is a sophomore at Columbus University pursuing a degree in Physics. Emily is always on the move since she works many hours to pay for her school. Emily's old laptop from high school is no longer working, so she needs a new one. Emily looks at many surrounding stores but sees that the laptops with the specifications that she needs for classes are out of her budget of \$500. She decides to use ColumbusList, a website she had sold her freshman year textbook's on, to search for a used laptop.

Brandon, a Senior at Columbus University

Brandon is in his last Semester at Columbus University. He has some extra time on the weekends since he isn't taking as many classes. Brandon and his fraternity brothers get an idea to start a fundraiser for a food drive in his city. Brandon decides to advertise his service on ColumbusList.

Brock's scenario

Brock decides it's past time he sells his old dorm furniture. He searches and finds the website his girlfriend recommended, ColumbusList.com. He is greeted by a homepage that prompts him to either log in or signup. He clicks on "signup", which brings him to a sign-up form. He reads the page instructions and enters in his school email with a new password. He is then prompted to log in with his newly created credentials and does so.

Now at the home page, he finds and clicks the "List Items for Sale" button. He is brought to a form that requires him to enter a title, description, image, price, contact information, and tags. He enters in "Used Bedframe", "This is a twin sized bedframe, brought new and used for three years.", he takes a picture of the bedframe and uploads it, he then puts \$100 dollars for the price, adds his email, and adds the tag "Dorm Furniture".

Brock then similarly enters in three more items of furniture. After half an hour, he receives an email from a buyer named Adam about two of the pieces of furniture. Brock really wants to sell the other two pieces of furniture as well, so he decides to lower the price from his personal profile page. The same buyer reaches out to Adam for those two pieces shortly after. He and Adam arrange the pickup of the furniture, and Adam pays Brock securely over ColumbusList. Brock then removes the four listings he posted and logs out.

Adam's scenario

Adam decides to begin his search for dorm furniture on ColumbusList.com. He searches and finds the website and is prompted to either log in or sign up. He clicks sign up, skims the sign-up form, and quickly enters his personal email and a password. He is then told that his sign up failed because his provided email is not a @columbus.edu email. Perturbed at his failing to read instructions, Adam uses his school email instead, and successfully creates an account.

Adam then logs in and is brought to the homepage. He finds a search bar and enters in "Dorm Furniture". Several listings for furniture are brought up along with images of them. He clicks on two that are in his price range, finds that they are listed by a seller named Brock, and emails Brock about his interest in the furniture. There are also two other pieces of furniture that Adam wants but are out of his price range, so he puts them on his wish list. He is shortly after notified that the prices of the items on his wish list have changed. He notes that they are also sold by Brock, and so he emails Brock again. They arrange a pickup date, and Adam pays Brock using his credit card over ColumbusList.

Emily's scenario

Emily begins looking for a budget laptop on ColumbusList.com. She types the URL into her browser and is greeted by the homepage, where Emily clicks on the "login" button. Emily enters her school email and her password. She clicks on "login" and a new page begins loading.

Sarah is now greeted with the homepage. She clicks on the search bar and enters "Laptop". Sarah is greeted with many laptops for sale. Many of the laptops are out of Sarah's \$500 budget, so she clicks on the filter by price button. Sarah then enters a minimum price of 300 and a maximum price of 500 and clicks on the filter button. Now all the laptops on Sarah's page are within the

price range of \$300 to \$500. Sarah browses through the laptop until she finds a portable laptop with sufficient specifications that a Columbus University senior, Jack, is selling. She arranges a pickup and pays Jack using cash.

Brandon's scenario

Brandon decides it's time to start advertising his car washing services. He searches and finds the website ColumbusList.com. He is greeted by a homepage that prompts him to either log in or signup. He clicks on "signup", which brings him to a sign-up form. He reads the page instructions and enters in his school email with a new password. He is then prompted to log in with his newly created credentials and does so.

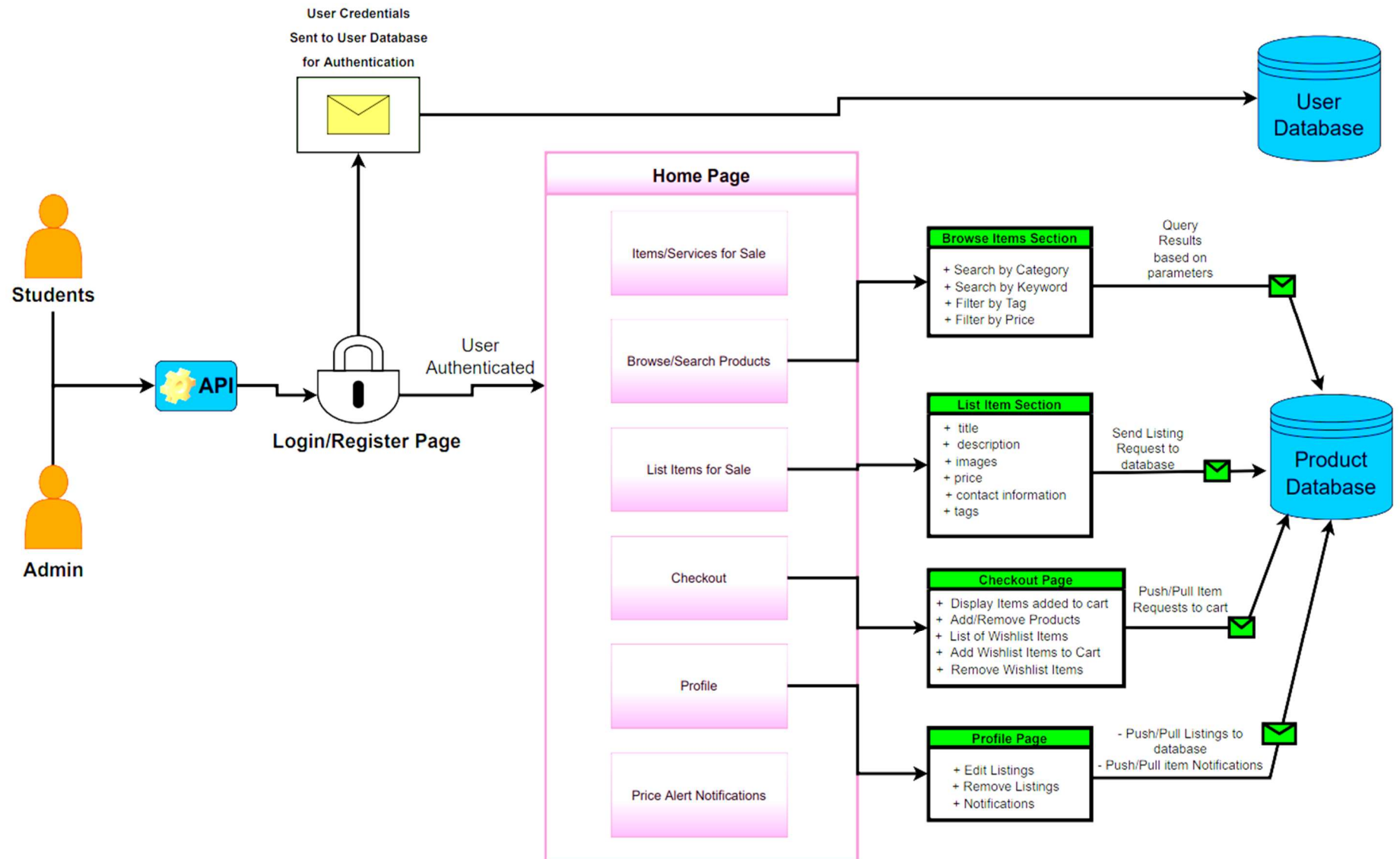
Now at the home page, he finds and clicks the "List Service for Sale" button. He is brought to a form that requires him to enter a title, description, image, price, contact information, and tags. He enters in "*Car Wash for The Weekend – Food Drive*", "*Car wash from 10am-3pm every weekend at Greek Row, all proceeds go to the local Food Bank*", he adds a picture of his friends washing a car, he then puts \$10 dollars for the price, adds his email, and adds the tag "*Car Wash*".

Brandon gets questions about the food drive from multiple people, and a few others volunteer to help.

Use Case Diagram



System Architecture



Sprint 1 Backlog and Team Member Responsibilities

Group F Project Backlog				
View 1 + New view				
	Title	Assignees	Status	Sprint
1	Create Use Case Diagram	bow-tiesRcool	Todo	Sprint 1
2	Stories and Scenarios	Andrivite and nickleverage	Todo	Sprint 1
3	System Architecture	MojoMace	Todo	Sprint 1
4	Project Backlog	sunlee115	Todo	Sprint 1
5	Sprint 1 Backlog	nickleverage	Todo	Sprint 1

Full Project Backlog

CSC4330ProjectGroupF Backlog				
<div> <div>Project Backlog</div> <div>+ New view</div> </div>				
	Title	Assignees	Status	Sprint
1	Project Backlog	sunlee115	In Progress	Sprint 1 [Feb 22]
2	Sprint 1 Backlog	nickleverage	In Progress	Sprint 1 [Feb 22]
3	System Architecture	MojoMace	In Progress	Sprint 1 [Feb 22]
4	Stories and Scenarios	Andrivite and nicklev	In Progress	Sprint 1 [Feb 22]
5	Create Use Case Diagram	bow-tiesRcool	In Progress	Sprint 1 [Feb 22]
6	Contribution of each team member		In Progress	Sprint 1 [Feb 22]
7	System Architecture		Todo	Sprint 2 [Mar 22]
8	Create Use Cases		Todo	Sprint 2 [Mar 22]
9	Sprint Deliverable for Sprint 1		Todo	Sprint 2 [Mar 22]
10	Update Project Backlog		Todo	Sprint 2 [Mar 22]
11	Sprint Backlog for Sprint 2		Todo	Sprint 2 [Mar 22]
12	Requirements Specification Document		Todo	Sprint 2 [Mar 22]
13	Design Documents		Todo	Sprint 2 [Mar 22]
14	Test Plan		Todo	Sprint 2 [Mar 22]
15	Contribution of each team member		Todo	Sprint 2 [Mar 22]
16	Sprint Deliverable for Sprint 1&2		Todo	Sprint 3 [Apr 5]
17	Update Project Backlog		Todo	Sprint 3 [Apr 5]
18	Design Documents		Todo	Sprint 3 [Apr 5]
19	Test plan and results		Todo	Sprint 3 [Apr 5]
20	contribution of each team member		Todo	Sprint 3 [Apr 5]
21	Final Project Deliverable		Todo	Final Submisision [Apr 26]
22	Working Product		Todo	Final Submisision [Apr 26]
23	Sprint Deliverable for Sprint 1-3		Todo	Final Submisision [Apr 26]
24	Design Documents		Todo	Final Submisision [Apr 26]
25	Test Plans and Results		Todo	Final Submisision [Apr 26]
26	Contribution of each team member		Todo	Final Submisision [Apr 26]