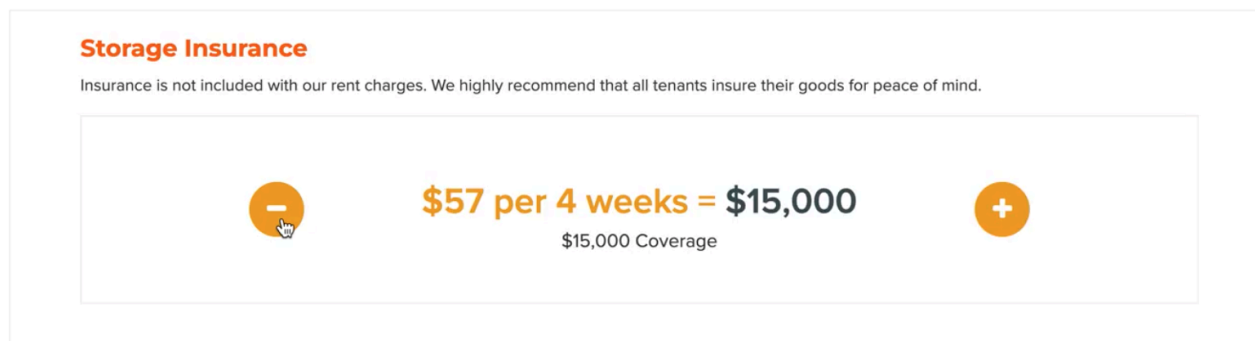# Assignment 1

Objective

Choose an existing website and redesign it with a focus on improving the user experience and interface

Chosen Website

Self Storage World

Wireframes: Figma

In the current design of Self Storage World, we see that the different insurance options are shown one at a time, and the user must click the plus and minus buttons to view the options. This design does not allow the user to view the options and compare them to one another easily. A solution would be to list the options in a chart format for easy viewing and comparison.

	Storable Insurance	Renter's Insurance	Home Owner's Insurance
Deductible	$0	Average $500-$2000	Average $500-$2000
Premium Increase After Claim	NO	YES	YES
Coverage Amount	100% of Policy	10% of Policy	10% of Policy
Fire	Covered	Covered	Covered
Water In Unit	Covered	Covered	Covered
Theft	Covered	Covered	Covered
Accident during Transport of goods in/out of unit within 100 miles of Facility	Covered	Not Covered	Not Covered

In the redesign, the insurance options are listed out in a chart format. After conducting usability testing, I received feedback that the chart is repetitive and verbose.

	Storable Insurance	Renter's Insurance	Home Owner's Insurance
Deductible	$0	Average $500-$2000	Average $500-$2000
Premium Increase After Claim	NO	YES	YES
Coverage Amount	100% of Policy	10% of Policy	10% of Policy
Fire	✅	✅	✅
Water In Unit	✅	✅	✅
Theft	✅	✅	✅
Accident during Transport of goods in/out of unit within 100 miles of Facility	✅	❌	❌

This is the final design after making modifications based on feedback collected during usability testing. This design eliminates the use of repetitive words and replaces redundant items with emojis to help the user scan the information quickly.

Assignment 3

Objective

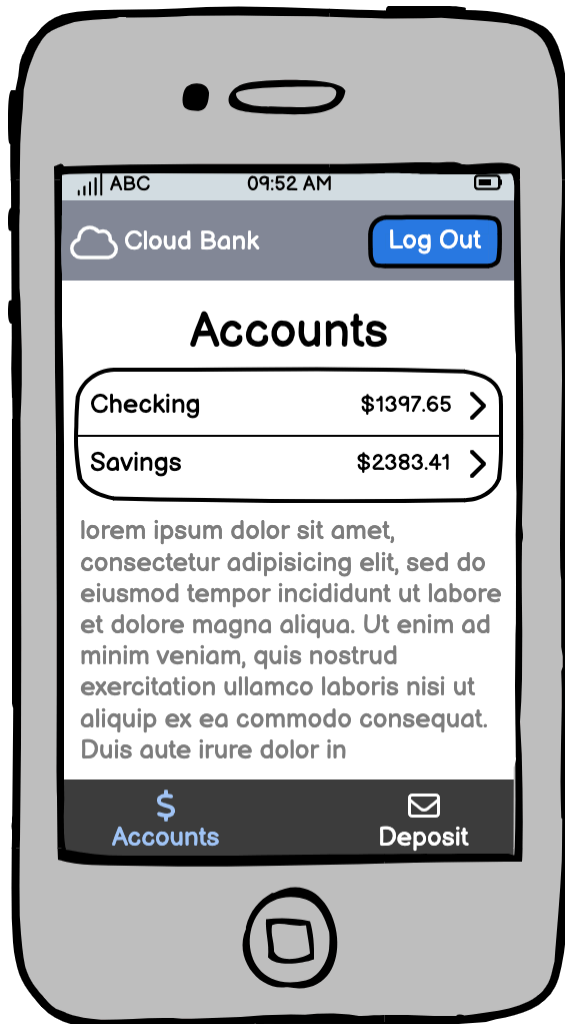Create a mobile app interface for a specified use case.

Chosen Use Case

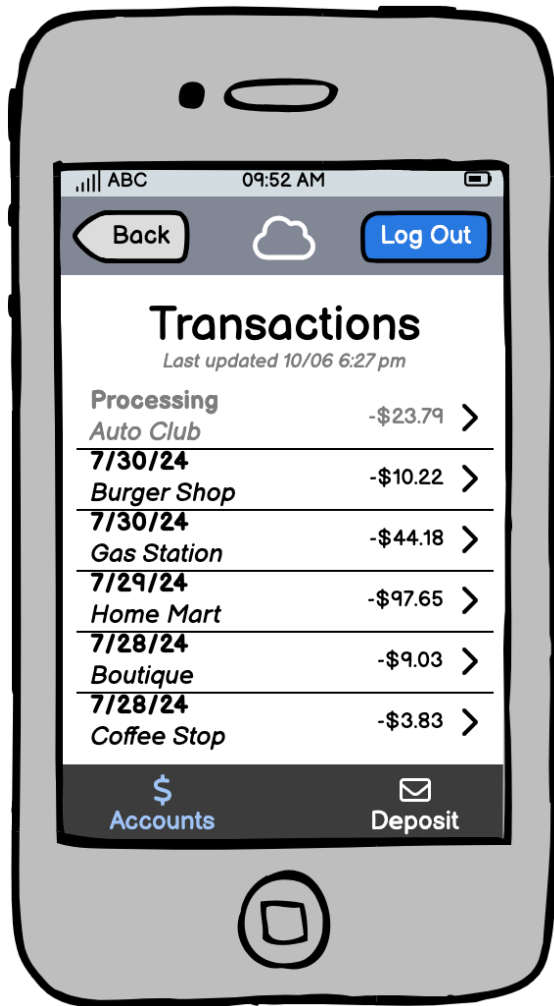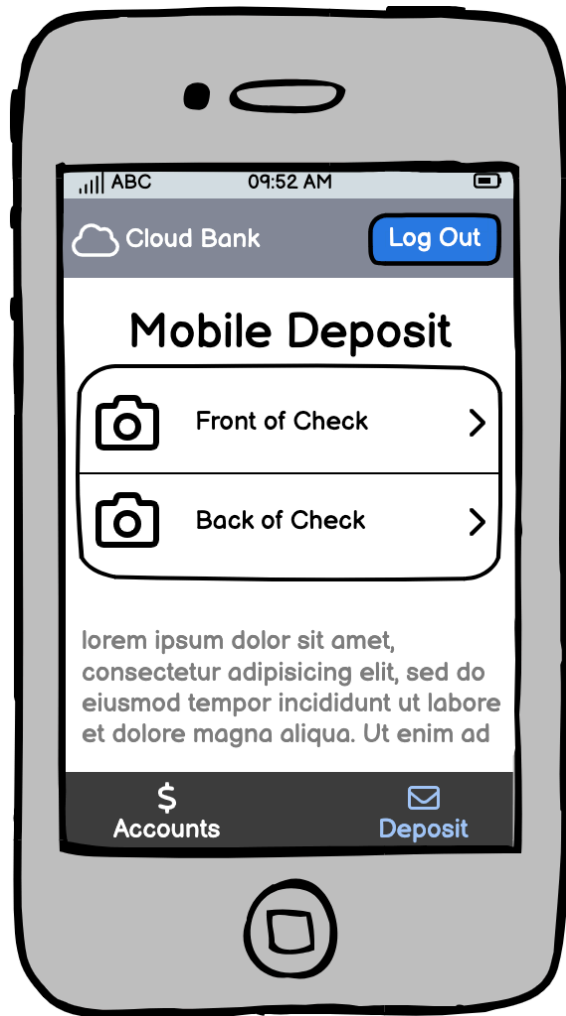Mobile banking app, deposit a check

Wireframes: Balsamiq

This is the homepage of a mobile banking app, Cloud Bank. Here we see two fields, username and password. The user has an option to save their username. There is also a Log In button and a forgot password link.
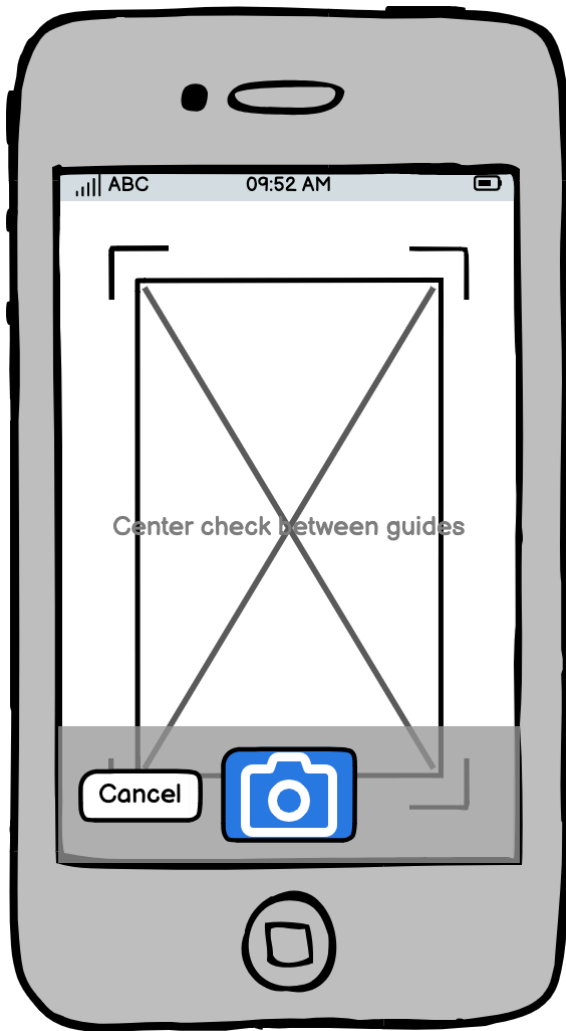
Here we see the home page after the user has logged into their account. We have an accounts summary showing the balance in the Checking and Savings accounts. There is an option to log out in the top right corner. At the bottom of the screen, the user can see that they are currently in the Accounts module.

Here we see the screen after the user has clicked on an account to view transaction details. Each transaction is listed with the date, name, and dollar amount. The user can use the back button in the top left corner to return to the accounts home page.

Here, the user has switched to the Deposit module. The user sees an option to upload images of the front and back of a check.

The user selects one of the image upload options. The app starts using the mobile phone camera to take a picture of the check. The camera contains grid lines to help the user align the check with the bank's requirements for check images. If the user wants to take a photo, they can click the blue button with the camera icon. If the user wishes to cancel this action, they can click the Cancel button.

Assignment 5

Objective

Design and develop a fully accessible web form for a specified purpose.

Chosen Web Form

Event registration form

Wireframes:

Here we see the design for a registration form. This form is for those who want to attend the virtual event hosted by Xenosis IT Solutions.

WCAG 2 emphasizes the importance of color contrast, which is why black and white are the chosen colors.

WCAG 2.4.6 emphasizes the importance of descriptive headings and labels, which is why the Name and Email description titles are outside of the field boxes for users to see even after text has been entered.