

Portfolio Capstone Experience

CIT 4960

Keyera J. Flores



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Concept Statement

This is process book will show the implementation of my skills gained thus far, into a final portfolio to be used to find a position in my career. Web design, cloud storage and others will help to build a an idea of my current strengths and weakness.



Mind Maps

DIGITAL FORENSICS AND INVESTIGATIONS SPECIALIST

REQUIREMENTS

Minimum Qualifications:

- Bachelor's degree and 4+ years of IT experience including Computer Forensics.
- 2+ years experience in conducting investigations, including conducting interviews.

OR

- 6+ years of IT experience including Computer Forensics and 2+ years experience in conducting investigations, including conducting interviews without a Bachelor's degree.

DESCRIPTION

As a technical member of this team, you will:
Work closely with Employee Relations, Legal and other leaders in the business; Interact with senior technical professionals across IT, as well with Executive-level Legal staff;

Conduct digital forensic investigations while adhering to applicable laws and Qualcomm policies.

Our ideal candidate will have a strong computer forensics/investigative background, along with specific knowledge and experience working with senior-level executive staff.

CYBER SECURITY RISK CONSULTANT

REQUIREMENTS

Minimum Qualifications:

- Associate's degree or two or more years of work experience.
- Three or more years of relevant work experience.
- Experience conducting risk assessments based on one or more of the following standards and frameworks: PCI, ISO/IEC 27001/27002, NIST 800 Series etc.
- Experience in conducting on-site assessments, builds customer rapport, maintain positive customer relationships, and mitigate issues.
- Willingness to travel.

DESCRIPTION

In this role you would provide regular, continuous cyber security, risk and compliance assessments, reports and prioritized recommendations as well as consultative support to assigned client(s).

You'll also support senior staff from with customer report generation, research and onsite activity support. This role will require some travel to occasionally work on-site at customer locations. Verizon leverages other products and services within the Verizon Security Service portfolio, whose goal is the pursuit of providing market-leading security services that reduces risk for our customers.

The methodologies, essential practices, and risk intelligence used by these teams have been proven in the industry.

SR. CYBER SECURITY INCIDENT RESPONSE ANALYST

REQUIREMENTS

Minimum Qualifications:

- You have experience working in Security Operations Center and/or Computer Incident Response Team.
- You have a solid knowledge of computer networks and common protocols: TCP/IP, UDP, DNS, FTP, SSH, SSL/TLS, HTTP, and etc.
- You will have experience with analysis of network traffic and usage of Deep Packet Inspection tools.
- You have a proficiency in one or more programming/scripting languages (Python, Go, C/C++).
- You have an In-depth technical knowledge of Mac OS X and Linux Operating Systems.
- You have experience with disk and memory forensic tools.
- You have the ability to analyze endpoint, network, and application logs. Experience with writing and tuning of IDS signatures.

DESCRIPTION

You will work with a team of analysts on daily operational monitoring and escalation of information security events and also function as an intrusion analyst to examine security events for context, risk, and criticality.

This person will have the opportunity to work on technology and processes with a global reach. This role is an integral part of the security controls that Apple uses to protect its customers, brand and data.



(SENIOR) MANAGER (W/M/D) CYBER FORENSIC & INCIDENT RESPONSE

REQUIREMENTS

Minimum Qualifications:

- Studied (business) computer science, mathematics, natural sciences or economics
- At least five years of relevant professional experience in the field of digital forensics as well as incident management and treatment
- Extensive project and management experience in the relevant subject areas
- Knowledge in building, maintaining and implementing business relationships
- Proficient in German and English
- Traveling
- Sales oriented

DESCRIPTION

Together with your team from the Forensic / Compliance area, tackle white-collar crime for our clients. You accompany companies in the conception and implementation of compliance measures as well as in the prevention and investigation of white-collar crime.

INVESTIGATOR, CYBERCRIME

REQUIREMENTS

Minimum Qualifications:

- Bachelor's degree or equivalent practical experience.
- 4 years of experience in computer intrusions or digital crimes investigations and Internet based fraud/abuse.
- 1 year of experience in data analysis, working with and querying databases.
- 6 years of relevant work experience investigating sophisticated Internet-based crimes, fraud and/or abuse.
- Experience with databases: collecting, managing, and synthesizing large and complex data sets from disparate sources.
- Knowledge of cybercrime landscape.
- Excellent analytical, teamwork, and communication skills.

DESCRIPTION

The CyberCrime Investigation Group protects Google and its users by identifying, investigating, and disrupting criminal activity across Google's products and services. The team is responsible for matters that could result in law enforcement involvement, and ensures that our investigative practices respect user privacy, and complies with the law and Google's policies.

As an Investigator, you will conduct investigations into illicit actors and work with Legal, Product, Engineering, Security, and others to develop the most effective course of action including, but not limited to: law enforcement involvement, civil enforcement, product enforcement, recommendations for improvements to systems, and/or operational processes.



Requirement Comparison

Digital Forensics and Investigations Specialist, Qualcomm

Requirements:

- Bachelor's degree and 4+ years of IT experience including Computer Forensics.
 - 2+ years of experience in conducting investigations, including conducting interviews.
- OR
- 6+ years of IT experience including Computer Forensics and 2+ years of experience in conducting investigations, including conducting interviews without a Bachelor's degree.

Cyber Security Risk Consultant, Verizon

Requirements:

- Associate's degree or two or more years of work experience.
- Three or more years of relevant work experience.
- Experience conducting risk assessments based on one or more of the following standards and frameworks: PCI, ISO/IEC 27001/27002, NIST 800 Series etc.
- Experience in conducting on-site assessments, builds customer rapport, maintain positive customer relationships, and mitigate issues.
- Willingness to travel.

Sr. Cyber Security Incident Response Analyst, Apple

Requirements:

- You have experience working in Security Operations Center and/or Computer Incident Response Team.
- You have a solid knowledge of computer networks and common protocols: TCP/IP, UDP, DNS, FTP, SSH, SSL/TLS, HTTP, and etc.
- You will have experience with analysis of network traffic and usage of Deep Packet Inspection tools.
- You have a proficiency in one or more programming/scripting languages (Python, Go, C/C++).
- You have an In-depth technical knowledge of Mac OS X and Linux Operating Systems.
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Sr. Cyber Security Incident Response Analyst, Apple

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- You have an In-depth technical knowledge of Mac OS X and Linux Operating Systems.
- You have experience with disk and memory forensic tools.
- You have the ability to analyze endpoint, network, and application logs.

(Senior) Manager (w/m/d) Cyber Forensic & Incident Response, KPMG Deutschland

Requirements:

- Studied (business) computer science, mathematics, natural sciences or economics
- At least 5 years of relevant professional experience in the field of digital forensics as well as incident management and treatment
- Extensive project and management experience in the relevant subject areas
- Knowledge in building, maintaining and implementing business relationships
- Proficient in German and English
- Traveling
- Sales oriented

Investigator, CyberCrime, Google

Requirements:

- Bachelor's degree or equivalent practical experience.
- 4 years of experience in computer intrusions or digital crimes investigations and Internet based fraud/abuse.
- 1 year of experience in data analysis, working with and querying databases.
- 6 years of relevant work experience investigating sophisticated Internet-based crimes, fraud and/or abuse.
- Experience with databases: collecting, managing, and synthesizing large and complex data sets from disparate sources.
- Knowledge of cybercrime landscape.
- Excellent analytical, teamwork, and communication skills.

Gap Analysis

Gap Analysis

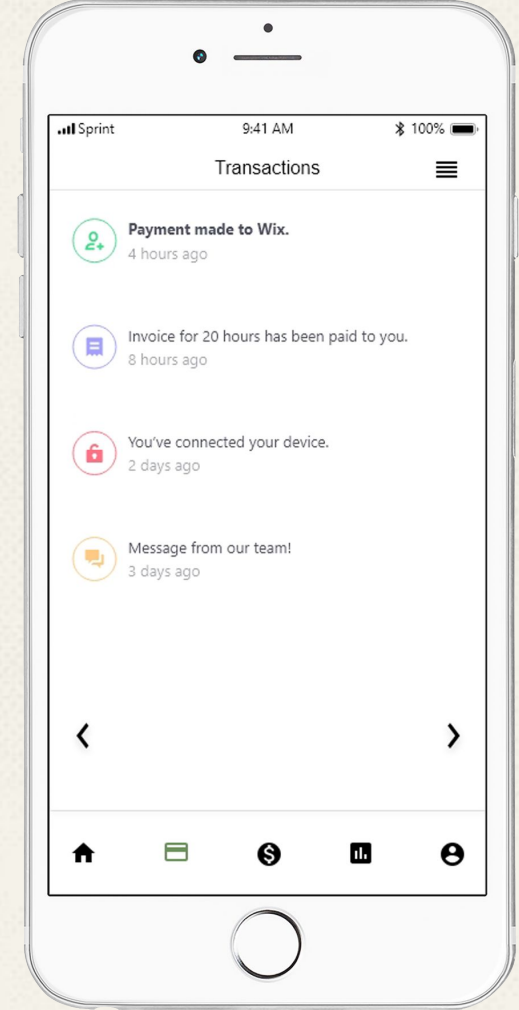
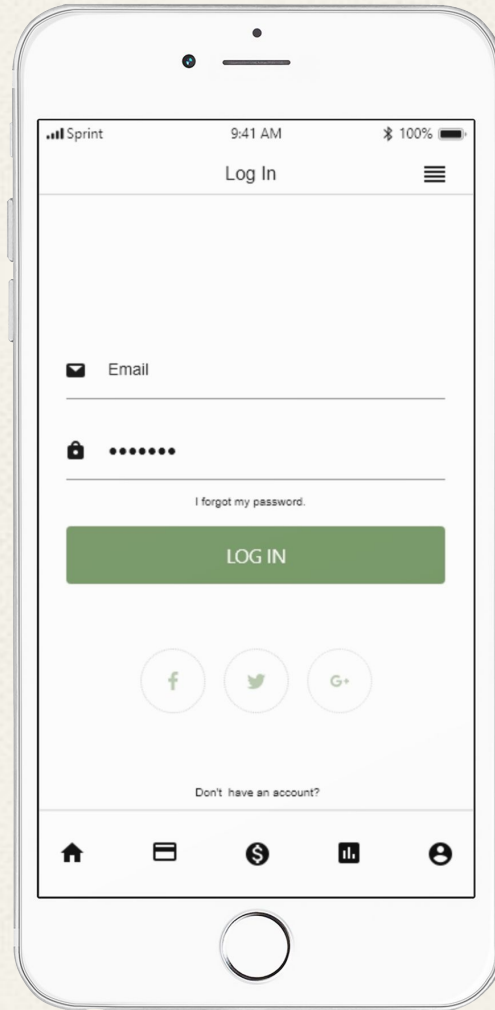
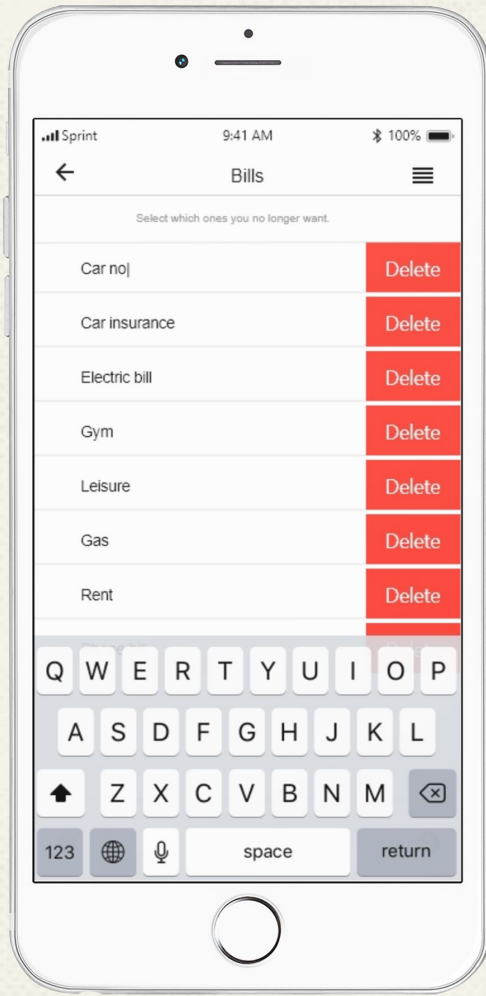


Current State	Desired State	Action Steps
<ol style="list-style-type: none"> 1. Less than one year of cybersecurity related experience. 2. Bachelor's degree 3. Unable to travel currently, even though not highly required. 4. No certifications 5. Less than 1 year of protocols 	<ol style="list-style-type: none"> 1. 4+ years of cyber forensic/cybercrime experience and investigations. 2. Security+, Net+, and A+ certifications 3. Knowledge of security standards, frameworks, and protocols. 4. Fluent programming in different languages . 	<ul style="list-style-type: none"> • Starting in an entry level IT, technical support position for basic skills. • Study and ace certification exams, possibly employer-sponsored • Relocate where these positions are needed most • Network and learn from people currently in these positions via blogs/job boards like LinkedIn, etc. • Become well versed in all positions leading up to the cybersecurity role to be better equipped with the tools necessary to succeed. • GRADUATE!

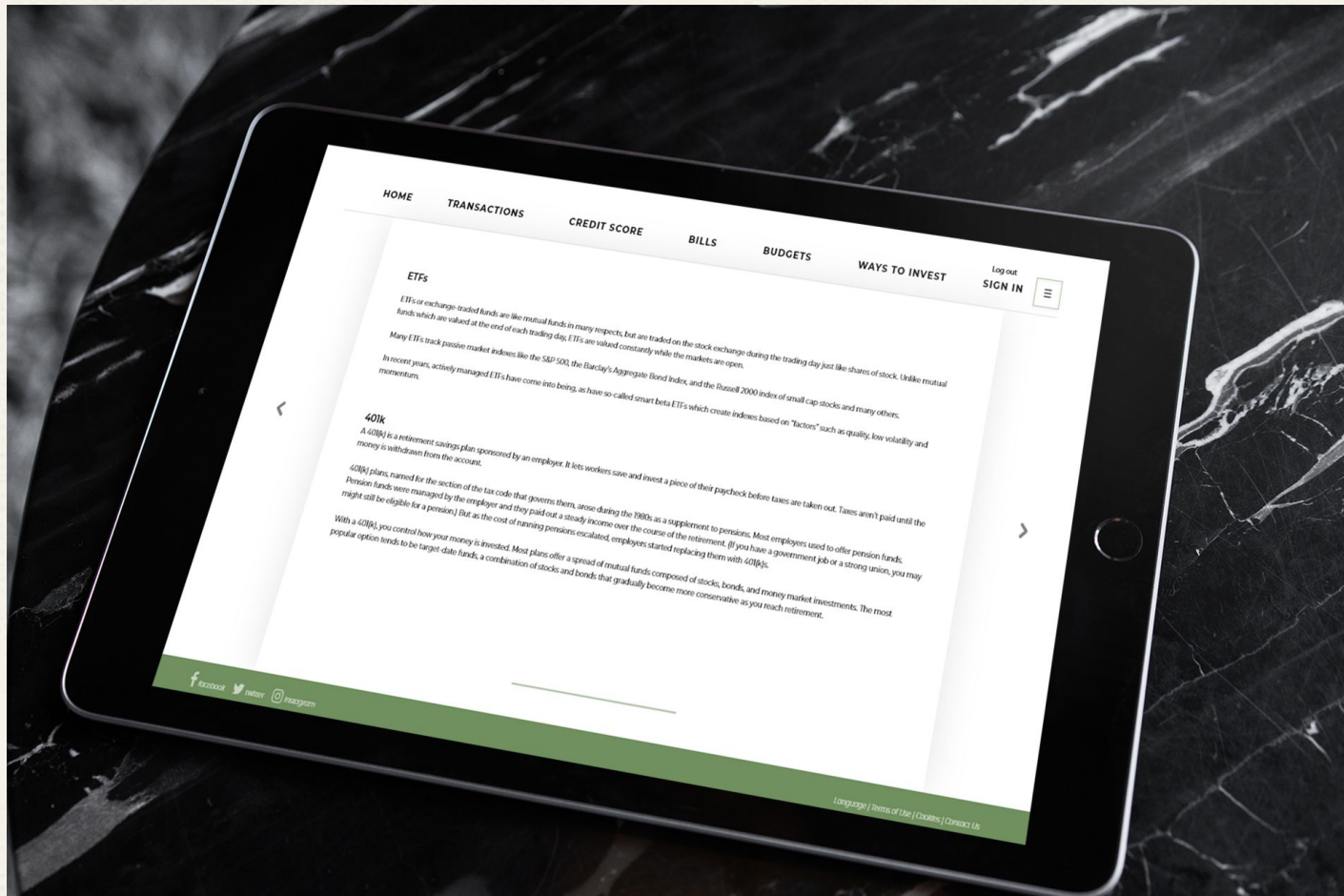


Updated Mockups

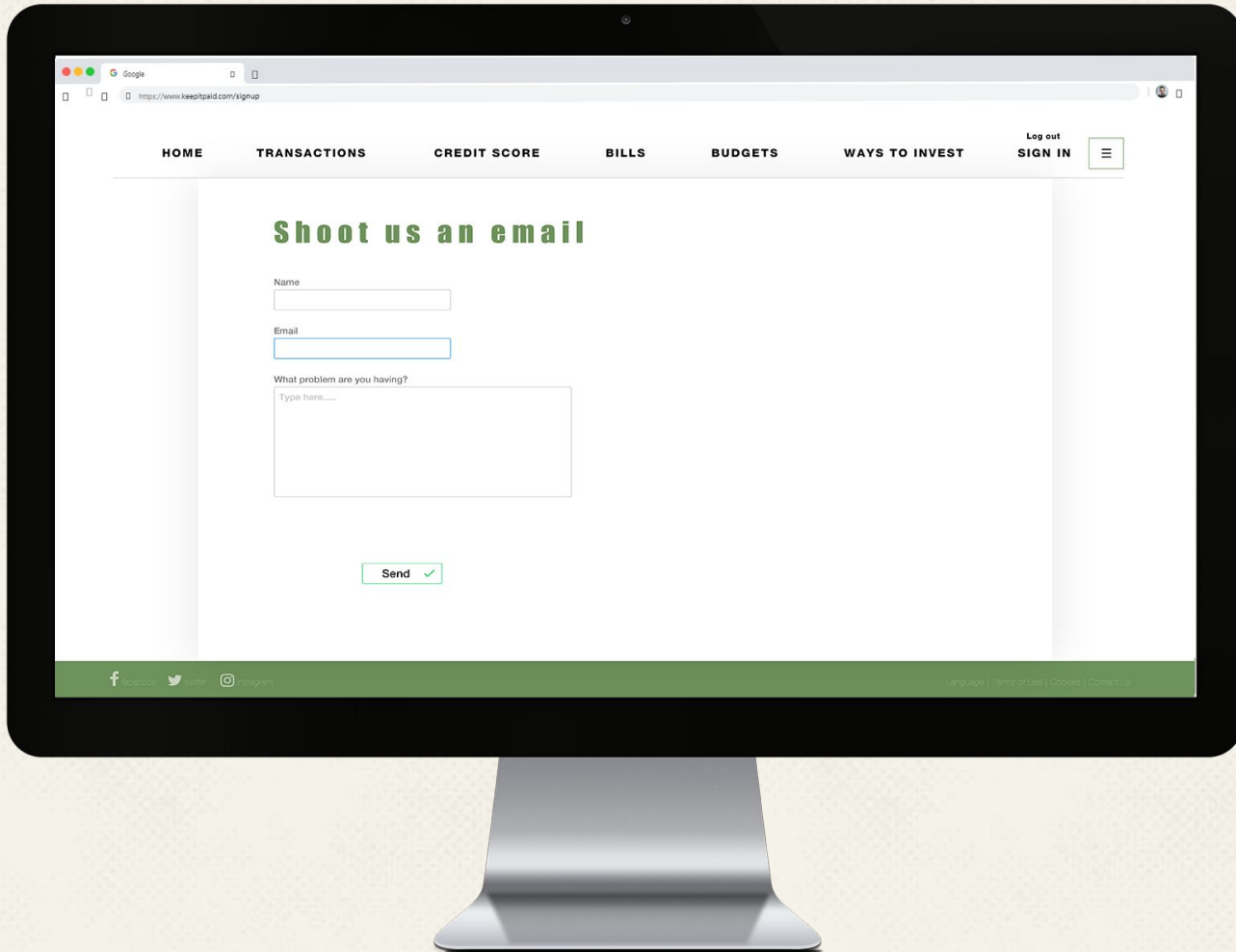
Mobile



Tablet



Desktop



Desktop Github Client - commit history

The screenshot displays the Desktop Github Client interface. The top menu bar includes 'File', 'Edit', 'View', 'Repository', 'Branch', and 'Help'. Below the menu, the 'Current repository' is set to 'capstone-project' and the 'Current branch' is 'master'. A 'Fetch origin' button indicates the last fetch was 10 minutes ago. The left sidebar shows a list of commits, with 'Create test.txt' selected. The main area shows the commit details for 'test.txt', including the commit hash '3900bc6' and a diff view showing the addition of the file 'test.txt'.

Current repository: capstone-project

Current branch: master

Fetch origin: Last fetched 10 minutes ago

Changes: No branches to compare

History:

- image mods
kjflores committed 10 minutes ago
- mocks
kjflores committed 18 minutes ago
- org ux files (prototype, mocks)
kjflores committed an hour ago
- Create test.txt**
kjflores committed an hour ago
- process of capstone project
kjflores committed 2 hours ago

Create test.txt

kjflores committed 3900bc6 1 changed file

test.txt

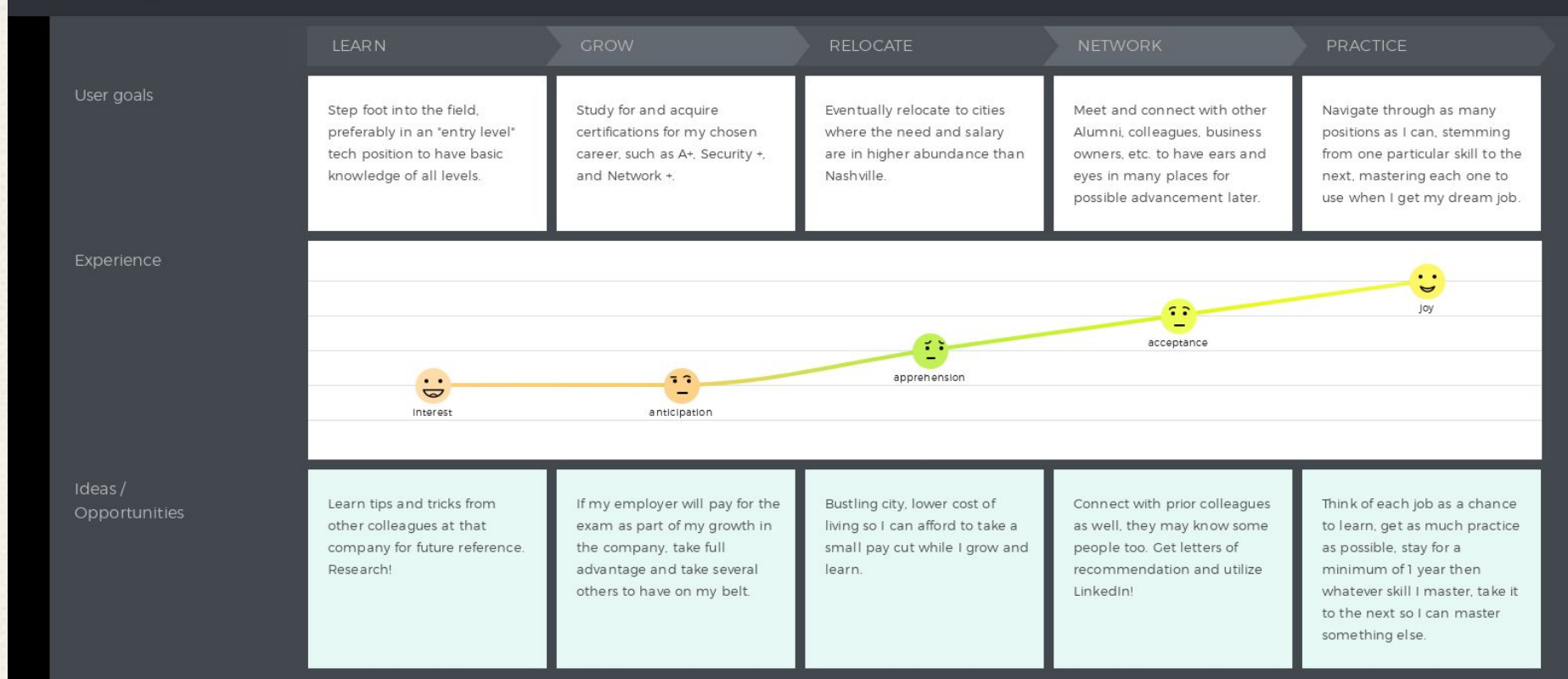
@@ -0,0 +1 @@
1 +test test

Hide Whitespace

Project A, Part 2

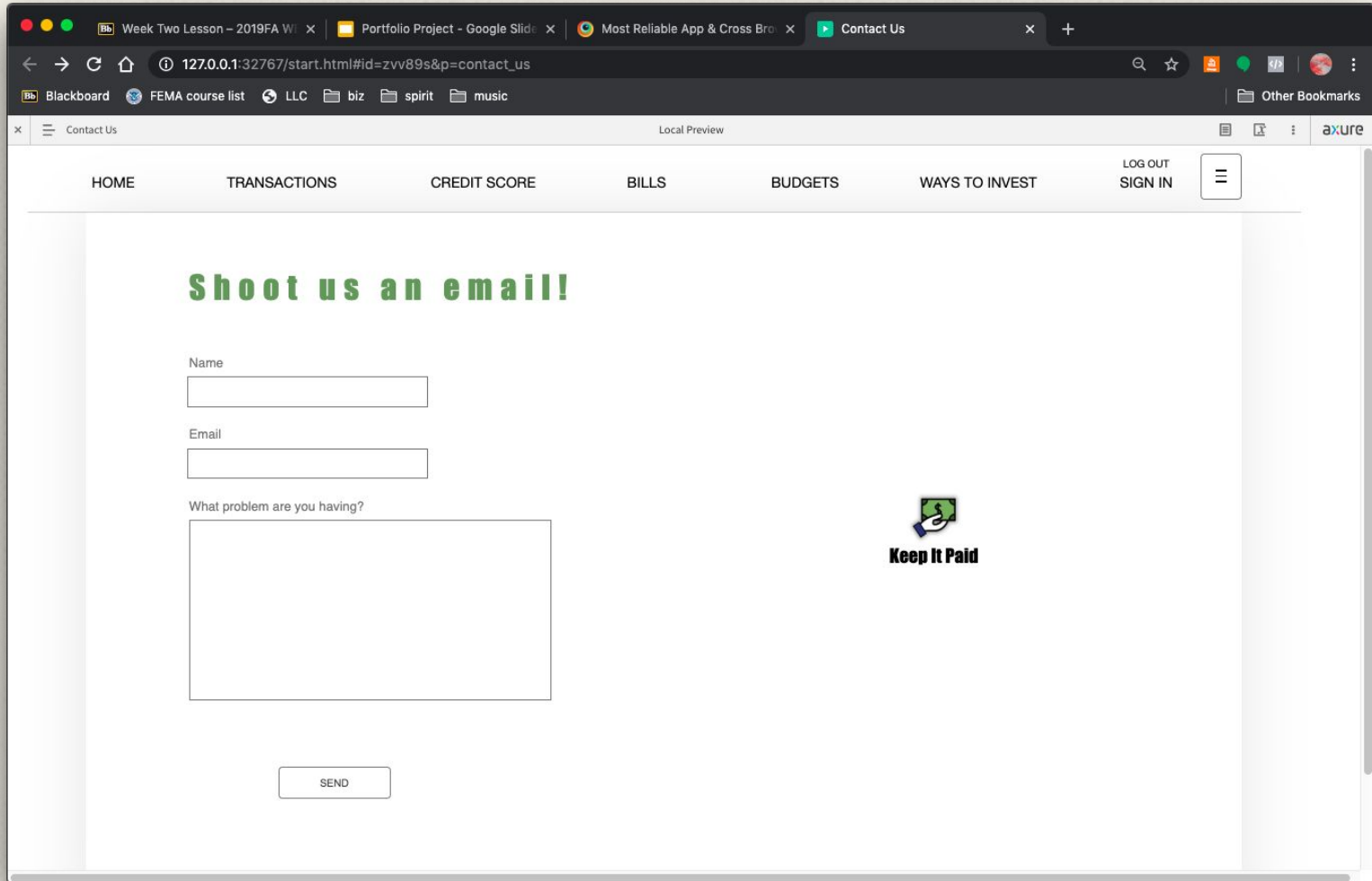
Success Path Diagram

Success Path Diagram

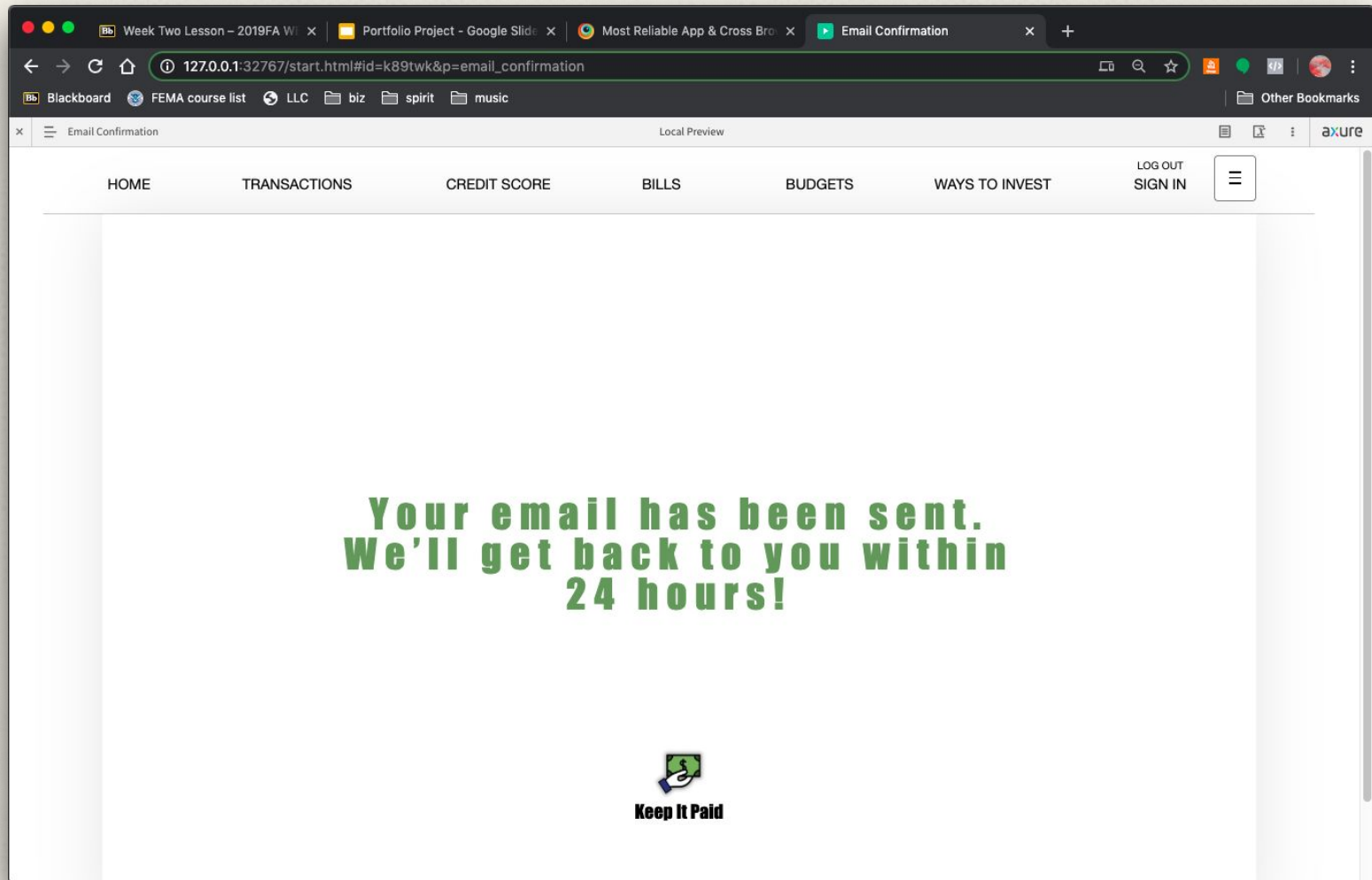


Project B, Part 2

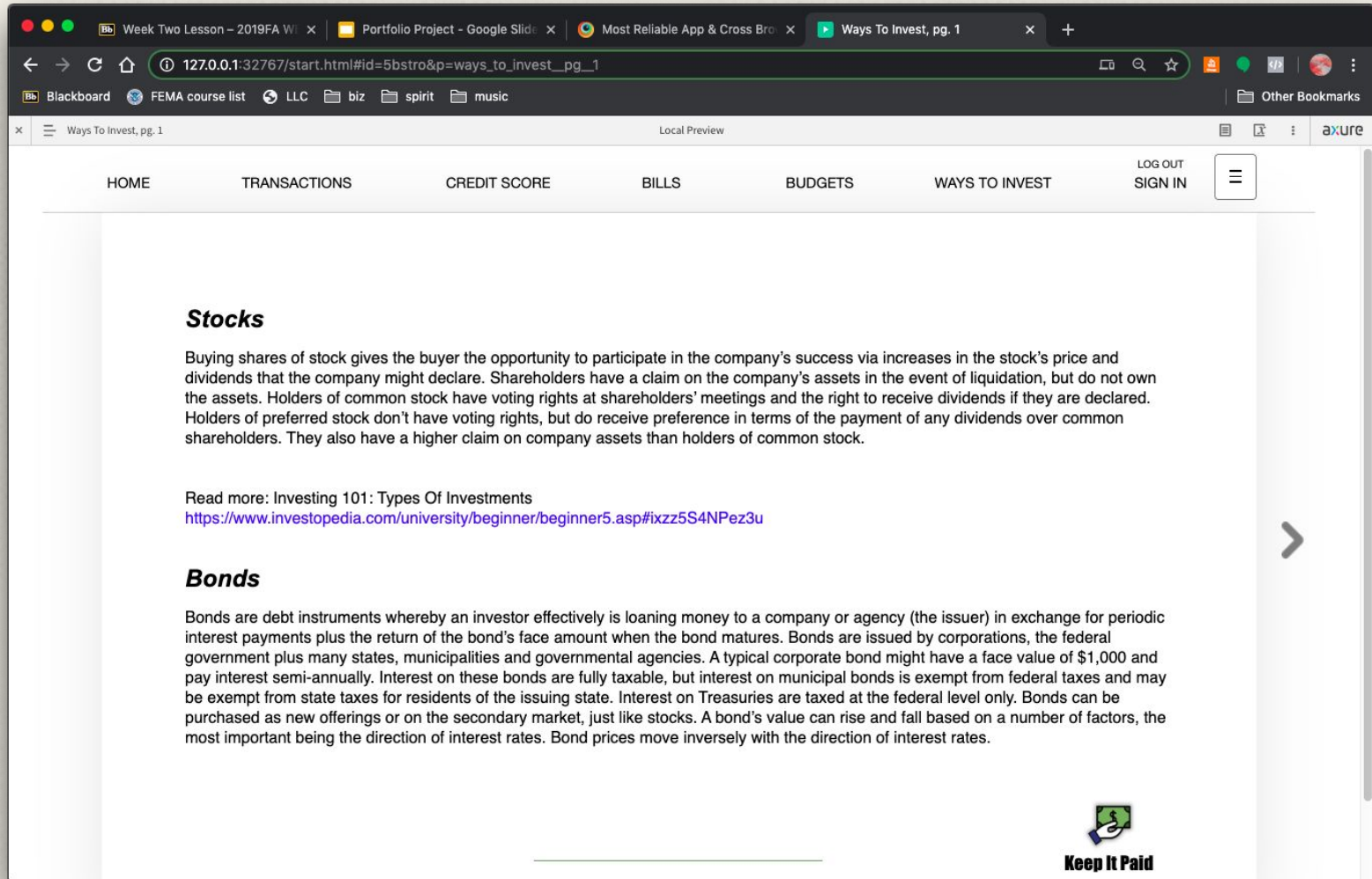
Screenshots



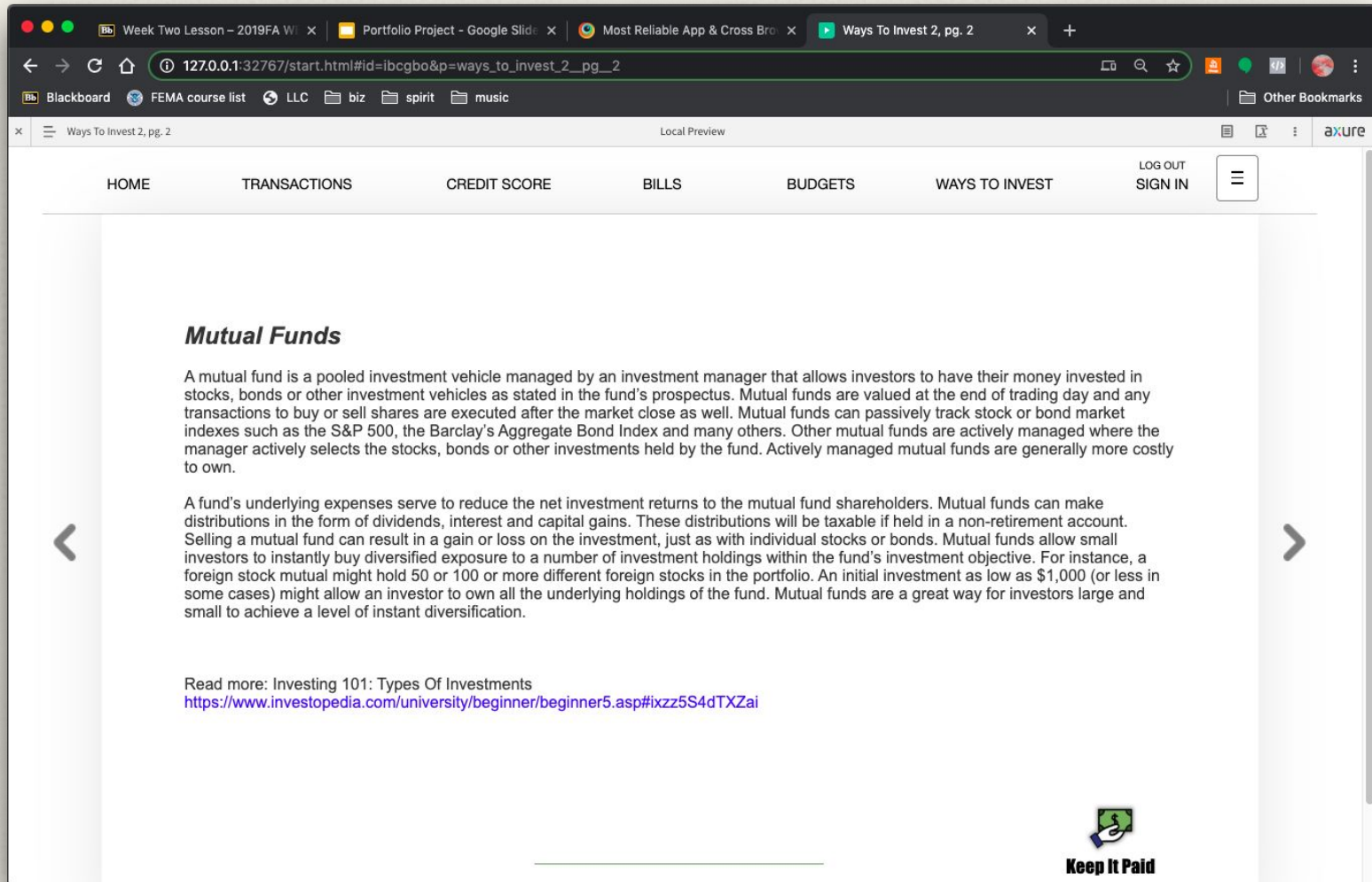
Screenshots



Screenshots



Screenshots



Project A, Part 3

Dream Job Analysis

The scope of my dream job requirements includes a minimum of 3 years professional experience and a bachelor's degree, the ability to conduct investigations, risk assessments and problem solve. There is also the aspect of growing and maintaining customer/client relationships, understanding different coding languages, analyzation of data, and exceptional team work and communication skills in a forensic environment.

Resume Keywords

- Bachelor's
- Experience
- Conducting
- Forensics
- Relationships
- Analysis
- Investigations

Project B, Part 3

Browser/Device views - Desktop

The screenshot shows a web browser window with the address bar displaying `app.axure.cloud/app/project/p1cpqf/preview/40mbgm`. The browser's address bar also shows a search icon, a star icon, and a notification icon. The browser's tabs bar shows several tabs: "FEMA course list", "LLC", "biz", "spirit", "music", and "wardrobe". The browser's toolbar shows a "PREVIEW" button and an "INSPECT BETA" button. The website's navigation bar includes links for "HOME", "TRANSACTIONS", "CREDIT SCORE", "BILLS", "BUDGETS", "WAYS TO INVEST", and "SIGN IN". A "Keep It Paid" logo is visible in the top right corner of the navigation bar. The main content area features a green heading "Keep It Paid" and a subheading "Welcome, please sign up for an account." Below this, there are five input fields: "First Name", "Last Name", "username", "email", and "password". A "confirm password" field is also present. A checkbox labeled "I agree with the terms and conditions." is located below the input fields. A green "REGISTER" button is positioned below the checkbox. To the right of the "REGISTER" button, there is a small icon of a hand holding a green coin. Below the "REGISTER" button, the text "Already have an account? Sign in." is displayed. The footer of the website includes social media links for Facebook, Twitter, and Instagram, a copyright notice "© Keep It Paid 2020", and links for "Language", "Terms of Use", "Cookies", and "Contact Us". A "Copy Link" button is also visible in the bottom right corner of the footer.

app.axure.cloud/app/project/p1cpqf/preview/40mbgm

FEMA course list LLC biz spirit music wardrobe

PREVIEW INSPECT BETA

HOME TRANSACTIONS CREDIT SCORE BILLS BUDGETS WAYS TO INVEST SIGN IN

Keep It Paid

Welcome, please sign up for an account.

First Name Last Name

username

email

password

confirm password

☐ I agree with the terms and conditions.

REGISTER

Already have an account? [Sign in.](#)

facebook twitter instagram

© Keep It Paid 2020

Language Terms of Use Cookies Contact Us

Copy Link

Browser/Device views - Desktop

The screenshot shows a web browser window with the address bar displaying `app.axure.cloud/app/project/p1cpqf/preview/mx5vuu`. The browser's address bar also shows a search icon, a star icon, and a notification icon. Below the address bar, a dark blue navigation bar contains the text "PREVIEW" and "INSPECT BETA". The main content area has a white background with a green header bar at the top containing the following navigation links: HOME, TRANSACTIONS, CREDIT SCORE, BILLS, BUDGETS, WAYS TO INVEST, and SIGN IN. A right arrow icon is located to the right of the SIGN IN link. The main content area features a large green heading "Keep It Paid" with the subtext "Come back soon!". Below this, there are two input fields: one for "username" and one for a password (represented by dots). A checkbox labeled "Remember me" and a link "Forgot Password?" are positioned below the password field. At the bottom of the login section, there are two buttons: "LOG IN" (green) and "SIGN UP" (white). Below the buttons is a small icon of a hand holding a coin. The footer of the page is a green bar containing social media links for Facebook, Twitter, and Instagram, followed by the text "© Keep It Paid 2020", and a row of links: "Language", "Terms of Use", "Cookies", "Contact Us", and "Copy Link".

app.axure.cloud/app/project/p1cpqf/preview/mx5vuu

FEMA course list LLC biz spirit music wardrobe

PREVIEW INSPECT BETA

HOME TRANSACTIONS CREDIT SCORE BILLS BUDGETS WAYS TO INVEST SIGN IN

Keep It Paid

Come back soon!

username

.....

☐ Remember me [Forgot Password?](#)

LOG IN SIGN UP

facebook twitter instagram © Keep It Paid 2020 Language Terms of Use Cookies Contact Us Copy Link

Browser/Device views - Desktop

The screenshot shows a web application running in a browser. The address bar displays `app.axure.cloud/app/project/p1cpqf/preview/6rc7th`. The browser's bookmark bar contains 'FEMA course list', 'LLC', 'biz', 'spirit', 'music', and 'wardrobe'. The application's navigation bar includes 'PREVIEW' (active), 'INSPECT BETA', and a list of menu items: 'HOME', 'TRANSACTIONS', 'CREDIT SCORE', 'BILLS', 'BUDGETS', 'WAYS TO INVEST', and 'SIGN IN'. The main content area is titled 'Your Budgets' and features a table with budget entries. Each entry has a 'NAME', a 'FREQUENCY', and a delete icon (X). A red note below the table states: 'NOTE: These are just some examples, feel free to delete them and add your own!'. The footer contains social media links for Facebook, Twitter, and Instagram, the copyright notice '© Keep It Paid 2020', and links for 'Language', 'Terms of Use', 'Cookies', 'Contact Us', and 'Copy Link'.

NAME	FREQUENCY	
Gas	no more than \$200 a month	X
Phone Bill	no more than \$150 a month	X
Self Care	no more than \$140 a month	X
Diapers	Varies	X

NOTE: These are just some examples, feel free to delete them and add your own!

Browser/Device views - Desktop

app.axure.cloud/app/project/p1cpqf/preview/zvv89s

FEMA course list LLC biz spirit music wardrobe

PREVIEW INSPECT BETA

HOME TRANSACTIONS CREDIT SCORE BILLS BUDGETS WAYS TO INVEST SIGN IN


Shoot us an email!

Name

Email

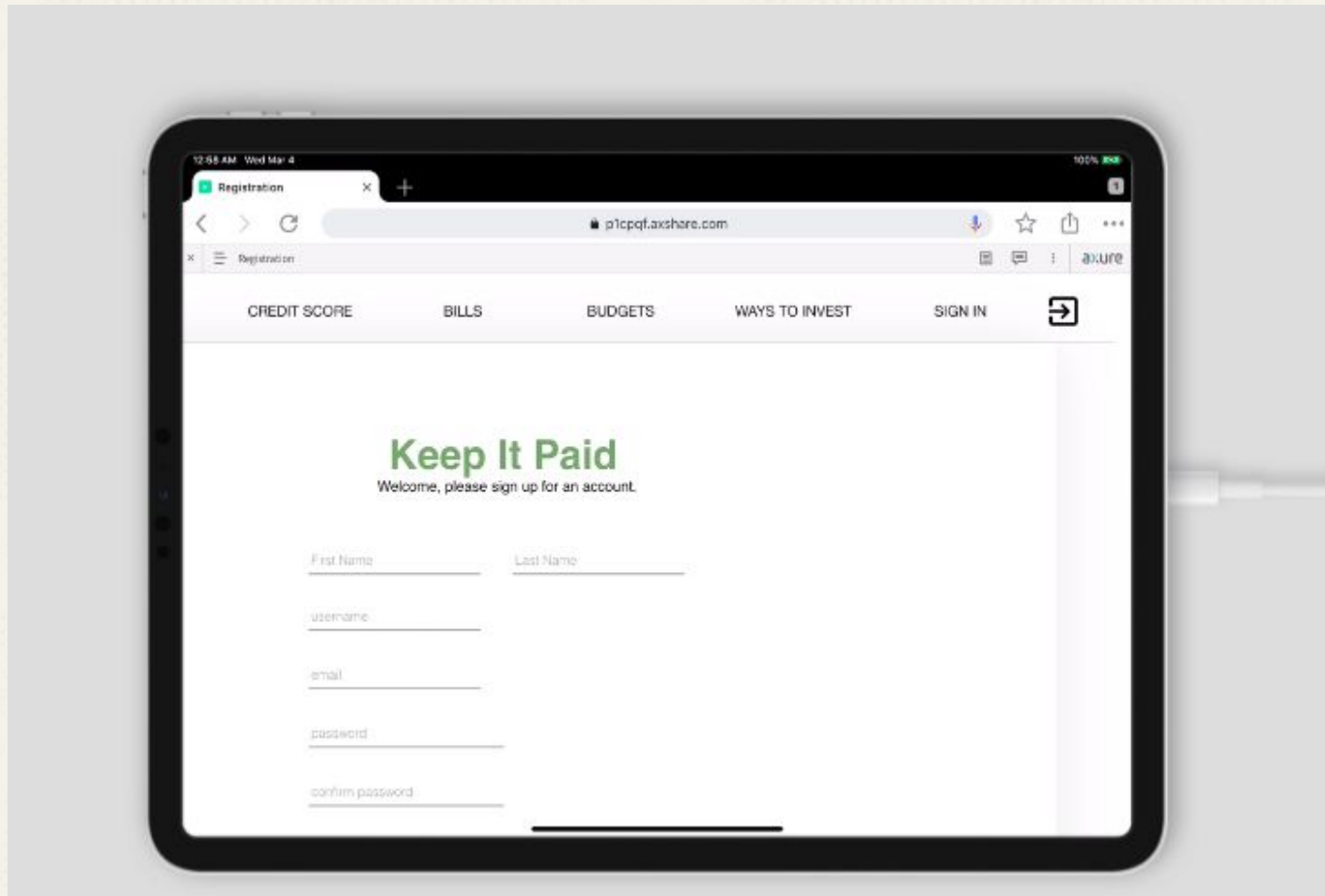
What problem are you having?

SEND

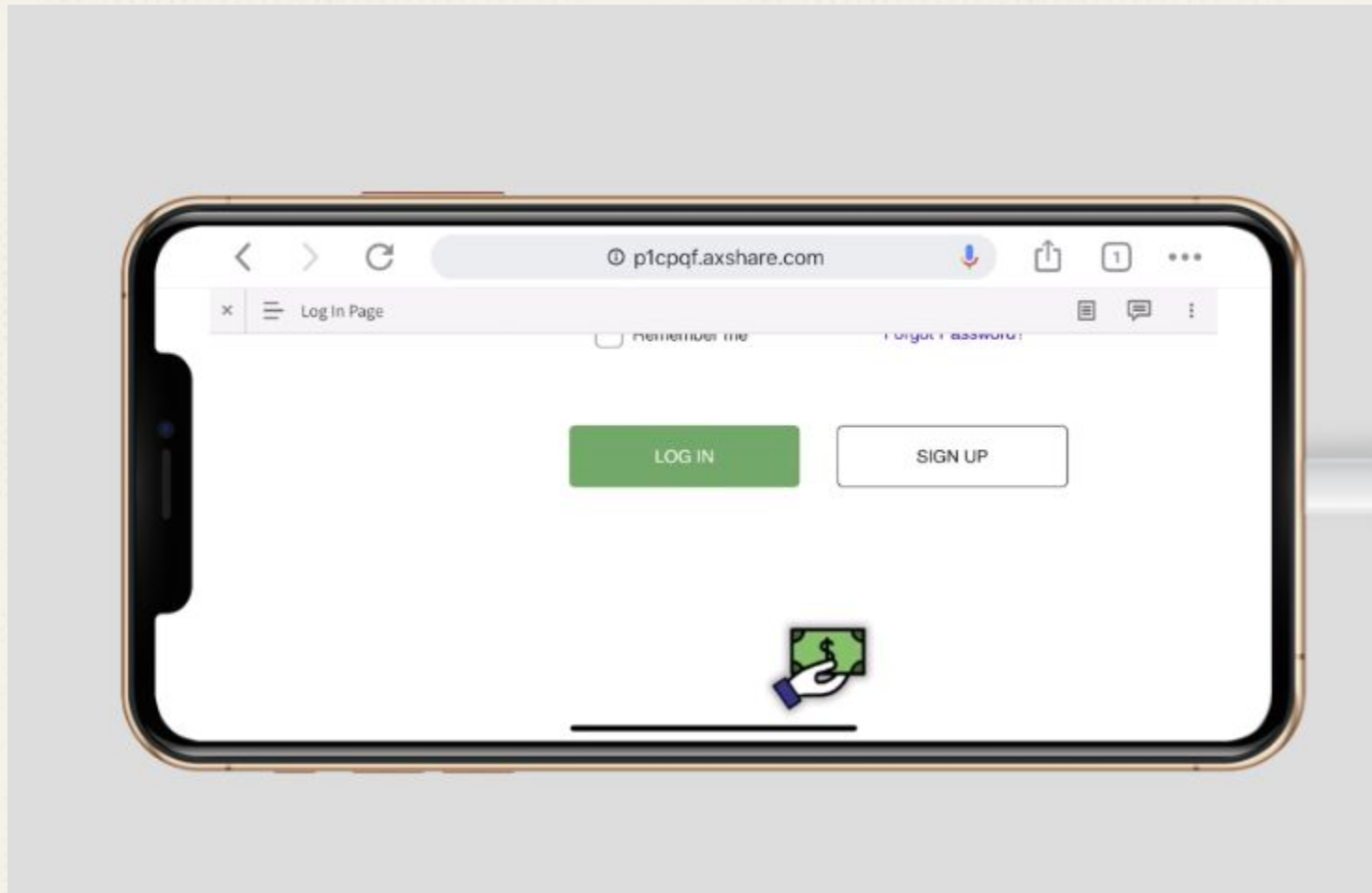

Keep It Paid

facebook twitter instagram © Keep It Paid 2020 Language Terms of Use Cookies Contact Us Copy Link

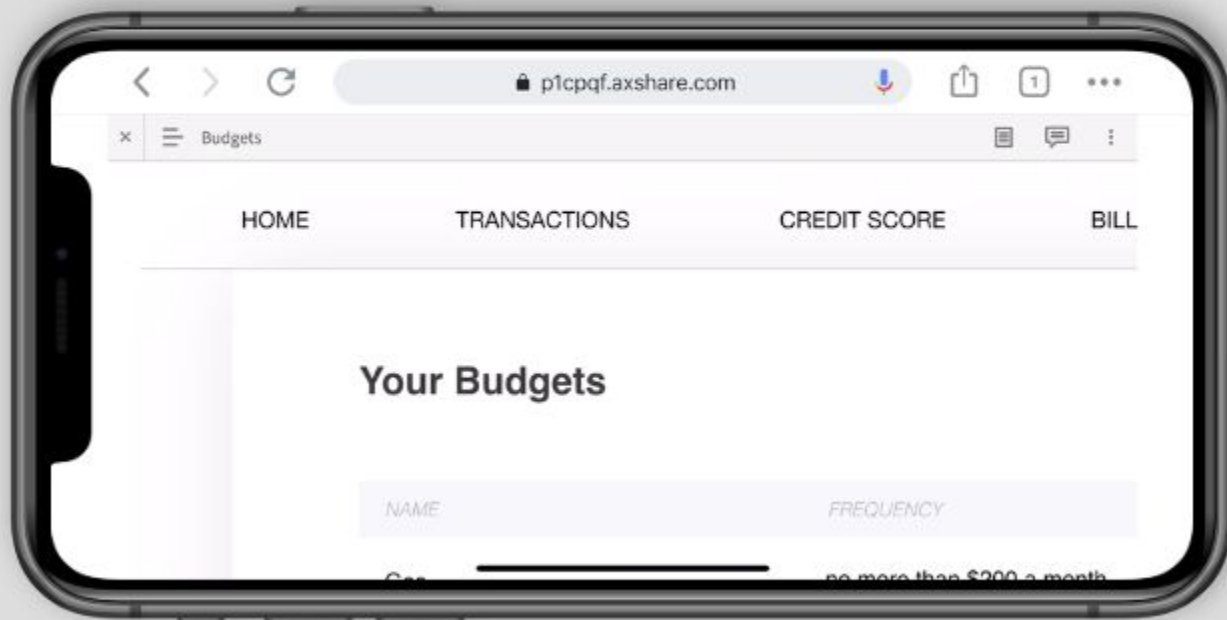
Browser/Device views - iPad



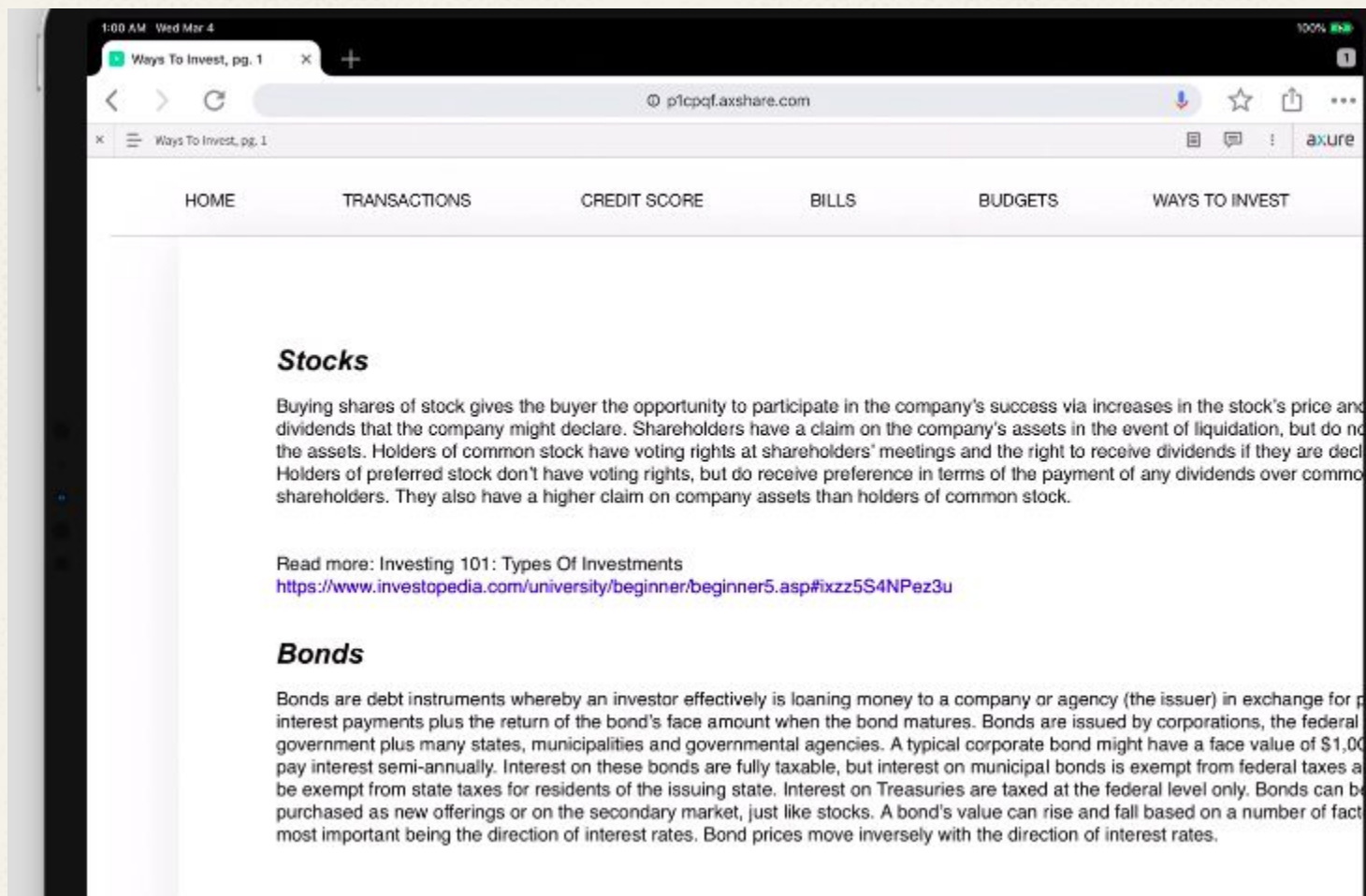
Browser/Device views - iPhone



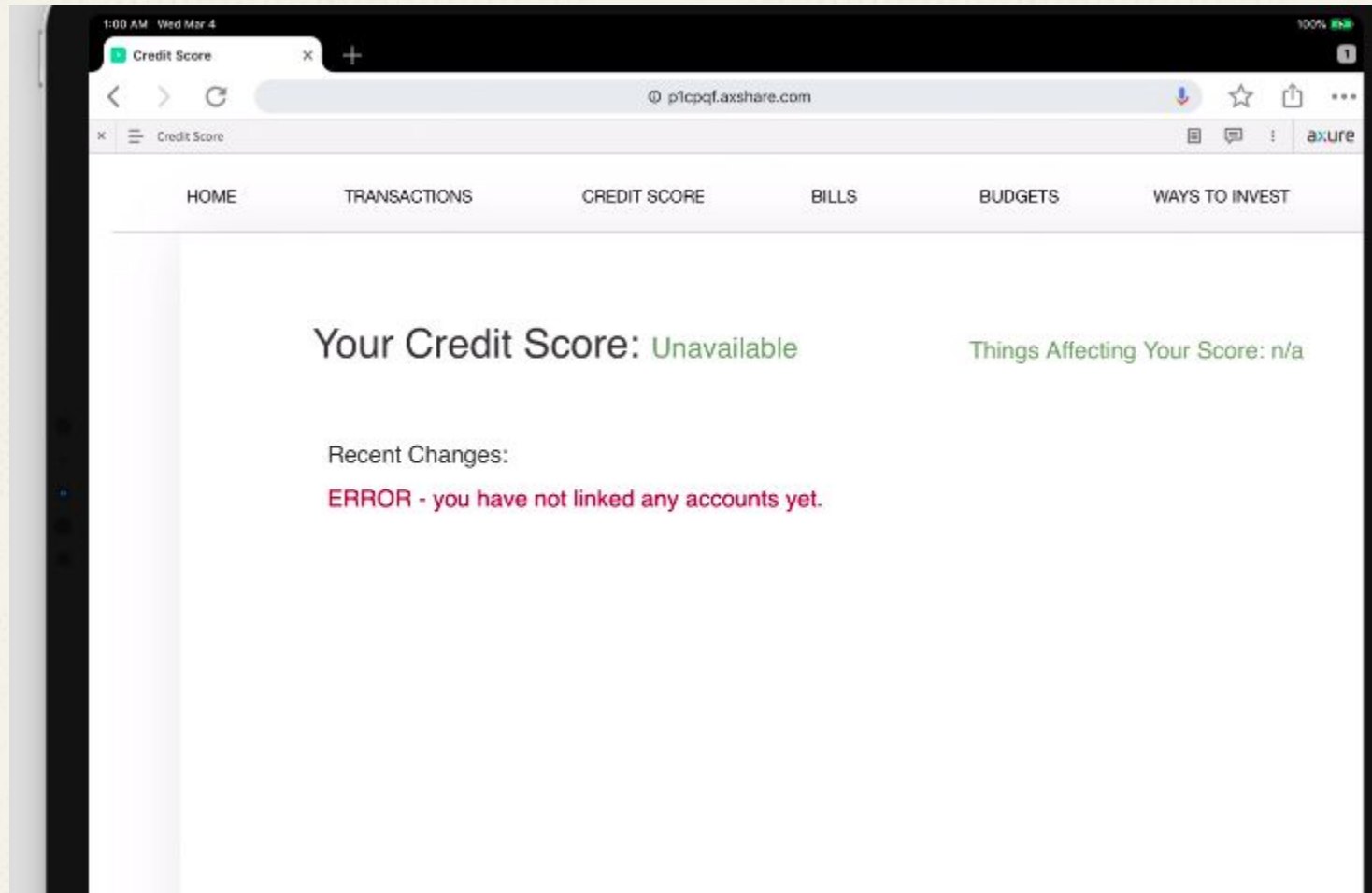
Browser/Device views - iPhone



Browser/Device views - iPad



Browser/Device views - iPad



Github commits

The screenshot displays a web browser window with the URL `trevecca.blackboard.com/webapps/blackboard/execute/content/file?cmd=view&content_id=_1106095_1&course_id=_40525_1&mo...`. The browser's address bar shows several tabs: 'FEMA course list', 'LLC', 'biz', 'spirit', 'music', and 'wardrobe'. The main content area is a GitHub repository interface for 'capstone-project'. The 'Current Repository' is 'capstone-project' and the 'Current Branch' is 'master'. The 'Fetch origin' button indicates the last fetch was 24 minutes ago. The 'Changes' tab is selected, showing a list of commits. The 'History' tab is also visible. The 'part 3 updates' commit is highlighted, showing it was committed 3 hours ago. The commit message is 'finishing of pages, adding custom styles, icons, etc'. The commit details show 7 changed files: 'Screen Shot 202... 10.42.05 PM.png', 'Unconfirmed 875622.crdownload', 'capstone project.rp', 'exit button.png', 'menu-button-png-1 small.png', 'menu-button-png-1.png', and 'project a, part 3.docx'. The 'Added' section shows a resume template with the following text: 'The scope of my dream job requirements includes a minimum of 3 years professional experience and a bachelor's degree, the ability to conduct investigations, risk assessments and problem solve. There is also the aspect of growing and maintaining customer/client relationships, understanding different coding languages, analyzation of data, and exceptional team work and communication skills in a forensic environment.' Below this text is a 'Resume Keywords' section with a bulleted list: 'Bachelor's', 'Experience', 'Conducting', 'Forensics', 'Relationships', 'Analysis', and 'Investigations'.

Current Repository: capstone-project

Current Branch: master

Fetch origin: Last fetched 24 minutes ago

Changes: No Branches to Compare

History: final changes, part 3 updates, framework, Create capstone chrome (mac) te..., Create capstone project.rp, project b, part 1 (mostly), image mods, mocks, org ux files (prototype, mocks), Create test.txt, process of capstone project

part 3 updates

kjflores committed babe8a5 7 changed files

finishing of pages, adding custom styles, icons, etc

Screen Shot 202... 10.42.05 PM.png Added

Unconfirmed 875622.crdownload

capstone project.rp

exit button.png

menu-button-png-1 small.png

menu-button-png-1.png

project a, part 3.docx

The scope of my dream job requirements includes a minimum of 3 years professional experience and a bachelor's degree, the ability to conduct investigations, risk assessments and problem solve. There is also the aspect of growing and maintaining customer/client relationships, understanding different coding languages, analyzation of data, and exceptional team work and communication skills in a forensic environment.

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