Ben Szabo, Kham Mangar, Walker Bolen

E-Commerce Website

***CHICKEN DIPPERS***

This report should include:

1. Cover page (as described previously)
2. Breakdown of individual contributions
3. SRS
4. Key Personnel information

Also, this report should be posted to the team website.

2. Breakdown of Individual Contributions

* Team Lead: Kham Mangar
* Front-end Programmers: Ben Szabo and Kham Mangar
* Back-end programmers: Walker Bowen and Kham Mangar
* Functions researcher: Everyone
* Docs: Everyone
* Information Gathering: Kham Mangar

3. SRS

Introduction

* + Purpose - The product is an online store built for Kham Mangar’s sister. Their aunts and uncle have been sewing handmade masks and sending them to Kham’s sister to sell. This will enable her to have her own online storefront getting her product out in the world with ease.
  + Definitions – E-commerce is the buying and selling of goods and services over the internet. E-commerce can be a substitute for brick-and-mortar stores, though some businesses choose to maintain both. Almost anything can be purchased through e-commerce today.
  + System overview – HTML and CSS site hosted by Azure with custom domain.
  + References –
    - <https://devdocs.io/html/>
    - [https://developer.mozilla.org/en-US/docs/Web/CSS](%09https:/developer.mozilla.org/en-US/docs/Web/CSS)
    - <https://azure.microsoft.com/en-us/free/virtual-machines/search/?&ef_id=EAIaIQobChMIgLPN4PuJ7AIVCr7ACh2DRQK3EAAYASAAEgLqkfD_BwE:G:s&OCID=AID2100131_SEM_EAIaIQobChMIgLPN4PuJ7AIVCr7ACh2DRQK3EAAYASAAEgLqkfD_BwE:G:s&gclid=EAIaIQobChMIgLPN4PuJ7AIVCr7ACh2DRQK3EAAYASAAEgLqkfD_BwE>
* Overall description
  + Product perspective
    - System Interfaces – User will interact with the front end webpage written in HTML and data will be stored using browser sessions.
    - User Interfaces – HTML Front end accessed by computer browser.
    - Hardware interfaces – User computer and Azure server
    - Software interfaces – any OS with basic web browser for user and Azure hosting.
    - Communication Interfaces - Internet
    - Memory Constraints – Dependent on users system and server traffic
    - Operations – website code in repo hosted by Azure
    - Site Adaptation Requirements – store data accessed by user and use to suggest front page items.
  + Product functions – Browsing store products with cart functionality along with online checkout.
  + User characteristics – Any consumer interested in the product.
  + Constraints, assumptions and dependencies – limited to one type product.
* Specific requirements
  + External interface requirements – devices with internet access.
  + Functional requirements – clickable device
  + Performance requirements – any new age device will do
  + Design constraints
    - Standards Compliance – Contrained to javascript because of HTML
  + Logical database requirement – if browser sessions doesn’t work, google doc will be implemented.
  + Software System attributes
    - Reliability – as reliable Azure can be and the users internet.
    - Availability – any device will internet access, hosted 24/7.
    - Security – dependent on checkout option, which will be maintained by PayPal.
    - Maintainability – Easily done by updating and deploying code to repo
    - Portability – accessible by any interent based device
  + Other requirements

4. Key Personnel Information:

* Each person is putting in at least 3-4+ hours a week working on the reports and attending our scheduled meeting on Sundays. We are using Sundays because it is the time that everyone is available to meet. During these meetings, we sit and talk about the reports due and work our way through brainstorming ideas. This is were we discuss what needs to be done in the following week to report in the next meeting.
* Biographies:
  + **Ben Szabo:** Computer Science Major working for UPS as a CO-OP and waiting tables at a Japanese restaurant. At UPS I mainly write test automation using java and selenium as well as citrus. The tests I’ve written cover anything from UI to API testing for blackbox as well as end to end testing. I’m going to be moving to application development within UPS to work on a middleware application that resolves communication issues between other applications.
  + **Kham Mangar:** I am a Bhutnese Refugee and now a U.S citizen, hopefully graduating this spring of 2021. I am currently looking for intership/co-op/part-time work related to computer science field. I am also interested in serving my community through the IT sector in the national guard. Also want to further my education.
  + **Walker Bolen:** I am currently going to school and working full time at American Commercial Barge Line. I work on the ServiceDesk and training to transition to the Microsoft PowerBi team here shortly. I have interest in working in databases and working with the general people. If theres something new and cool to learn I hop on it. I wish I had more freetime to broaden my knowledge but at this point work and school is where I learn new skills.