CS Capstone Design

Alpha Prototype Demo Grading Sheet (100 pts)

85/100

JabberJack

TEAM: _____

Overview: The purpose of the Alpha Prototype Demo is to clearly demonstrate the extent to which all core user flows envisioned for the product are supported by the current implementation. The flow of the demo is very natural: you simply introduce each of the major usage scenarios, and then follow through each of them, just as an end-user would in using the product. Grading is based on how completely the current product supports all key functional aspects within a coherent, realistic user flow. Interface refinement, clunkiness, and aesthetics should be ignored for now; the focus is simply on functional ability to complete the user flow.

This template is fleshed out by the team, approved by the team mentor, and brought to demo as a grading sheet.

Overview of major product use cases

Based on the Requirements document and subsequent development discussions with your client and mentor, briefly describe each of the key use cases for your product:

UC1: Short title for Use Case. <Concise 1-5 sentence description of this use case: nature of the user (admin, normal, guest) and the what they are seeking to do with the product in this use case. >

UC2: short title. Description. Repeat for other challenges.

Etc. Most products will have between 2 and 5 core use cases.

User Flows: Detailed walk-through for each use case:

In this section, we outline the demonstrations of each use case that we have prepared, giving a step-by-step outline of the user flow that would be followed by a real user for that use case.

Use case 1: General User

<u>User Flow:</u> Step by step overview of user interactions with product

1. Ask the chatbot a question via text prompt ✓

2. Receive an answer ✓

3. Have that answer read aloud and printed on screen ✓

- Throws error if question not known

Evaluation and Comments:

- Convincingly demo'd each of the listed challenges?

    • Functionality is not currently in this version
        ↳ "Unknown" answer
        + function for unknown questions is completed but
          not in demo product

- Other evaluative comments:

    • Need to move program to front so user

Use case 2: Faculty User

User Flow: Step by step overview of user interactions with product

1. Demonstrate how they can get an account ✓
2. Log in using those credentials ✓
3. Go to profile ✓
4. Be able to edit database information about them ✓

Evaluation and Comments:

- Convincingly demo'd each of the listed challenges?

    ⁃ Computer should say conversational filler
      members should only add info
    + Updated info does match
                           change chatbot answers.

- Other evaluative comments:

    + faculty can only edit their own info

Use Case 3: Admin User

User Flow: Step by step overview of user interactions with product

1. Demonstrate how to create an account ✓
2. Go to profile page ✓
3. View database information ✓
4. Update information ✓
5. View updates ✓

Evaluation and Comments:

- Convincingly demo'd each of the listed challenges?

  + Admin can edit eurgones info

- Other evaluative comments:

Known short-comings: Functionality still deficient/missing:

If there were challenges you listed earlier that were *not* covered by a demo, list here. This will hopefully be a short list...but better to be clear about where you are. If you have items here, you could list (if applicable) any pending plans/schedule to get this implemented.

- While we are able to have the chatbot read it's own answer back to the user, we have not implemented speech recognition so that users can speak their questions as well. We have done some research into speech recognition but as there are so many factors to make it work correctly we have not included it in the alpha demo. + 2 weeks

- While currently the local website is able to differentiate between account types we are having difficulties differentiating between specific users like userA vs. userB when both user accounts are of type 'FACULTY'. This is partly due to the current database structure that is in place.

- The current working model for the web portal is not currently deployed onto live servers and for right now is only functional on a local machine. But since it is functional locally we are positive it would take little effort to deploy it on a live server. *+ 2 - 3 days*

- We are planning to implement some sort of spell checking into our chatbot but currently it cannot detect misspellings in questions; word spellings must be identical to spelling within the database *+ 1.5 weeks*