# *HVK System Flow and JAD Session*

Date assigned: Tuesday, November 1, 2016

Date due: **Practice Walkthrough of Flow:** **Friday, November 11, 2016**

**JAD Session**: **Friday, November 18, 2016**

**Learning Objectives**

Upon successful completion of this assignment, the student will be able to:

* To create a wireframe prototype.
* To gain experience working in a group.
* Participate as a presenter, scribe and “driver” at a JAD session.

To do:

**Group Flow:**

Working as a team, create a wireframe presentation of the flow of the HVK system using LucidChart. This should include the full functionality of the system, handling both dogs and cats. The use cases for HVK are on the Moodle page for this course. Your flow must include the functionality of the “Manage Reservation” use case which includes the “Manage Customer Account” and “Manage Pet Information” use cases, as well as the “Start Pet Visit” and “End Pet Visit” use cases. You should display the contract and invoice as part of the flow. Your flow must include a different home page for the customer and the clerk, containing summary information, which your team must determine. You do **not** need to implement the kennel log.

You must prototype the flow for both customer and clerk. They are similar, but there are differences. Your wireframe must contain the content of each page. This means that you need to determine the fields that go on each page, and the type of control to use for each field as well as any actions for the page. The point of the assignment is to have the correct content on each page and an appropriate flow through the system and not worry about the aesthetics. For example, you do not need a logo, a background or a beautiful layout. Your flow should include pre-populated data to make the JAD session meaningful.

Helpful Tips:

* Consider how you will handle the concepts of add/update/remove in your flow. You should be consistent with your design for reservations, customers and pets.
* Customers can have multiple reservations and multiple pets. Your design needs to accommodate this.
* Be sure to think through vaccination validation by the clerk in your flow.
* Be sure to think through the flow for a new customer logging into the system for the first time, and a returning customer logging into the system.
* In LucidChart, drop-down lists show all of the list options. If you are using drop down lists, you should create one page that shows the list closed, with the default option, and then a second page showing all of the options.

To create your flow in LucidChart, use the Blank Wireframe Template. You should use your college LucidChart account to do this, and not your personal one, in order to have full functionality. One member of the group should create the starting template, and then invite the other members of the group to be collaborators. This is done by selecting Share->Invite Collaborators.

You will use the following class time to work on the prototype (as well as any time you require outside of class):

Tuesday, November 1, 2016: Group work on flow (2.5 hours)

Friday, November 4, 2016: Note that there is no lab this day – study day.

Tuesday, November 8, 2016: Group work on prototype (2 hours)

Friday, November 11, 2016: Dry-run practice of each group presenting prototype (4 hours)

Remaining time to update flow.

Tuesday, November 14, 2016: Group work on updates from dry-run practice (2 hours)

Friday, November 18, 2016: JAD session 8 am – 12 pm

Each class used for group work will be marked based on participation and progress of each group member.

**JAD Session:**

Determine an agenda of who is going to do what for the JAD session. Working as a team and following the agenda created above, conduct a JAD session for Jim, Sally and the teachers. Each student must act as the presenter, the scribe and the “driver”. You will be marked on your performance in each position. You will also be marked on: delivery, attentiveness, professionalism and demeanor among other things. The marking scheme is at the end of this assignment.

The scribe must take notes on all of the comments from the JAD session and must distribute those notes to all the other team members and copy the course teacher. The scribe must clearly document suggested changes to the screens that must be made.

You will use the “Present” option within LucidChart to create a presentation for use in the JAD session.

**JAD Session & Flow Marking Scheme**

|  |  |
| --- | --- |
|  | Marks |
| Login page for clerk and customer | 5 |
| Home page for clerk \* | 15 |
| Home page for customer | 15 |
| Customer account management for clerk and customer\* | 10 |
| Pet management for clerk and customer\* | 15 |
| Manage reservation for clerk and customer\* | 15 |
| JAD Session Agenda | 5 |
| JAD Session Notes – completeness | 15 |
| JAD Presentation – poise, pacing, delivery, voice, eye contact , professionalism (individual mark) | 25 |
| Total | 120 |

\* The flows will be marked on completeness of information on the form and correct choice of controls.

**To submit**

The following must be submitted **by the team**

* Agenda and roles for JAD session
* Team’s wireframe solution that will be presented at the JAD.
* Notes from JAD session taken by each scribe.