**First Demo Submission**

**1.) The list of your user stories.**

a.) As a user of my dashboard, I want to see which company has increased their prices the most throughout the years so that I can know which company is most likely to change their prices as I use their service.

b.) As a user of my dashboard, I want to see what company charges the least for their services so that I can save the most money.

(I will probably add more but this is what I currently have)

**2.) The list of the system features you extracted from the user stories.**

a.) I will add a slide-down options button to change companies on a graph that shows the companies prices throughout the years as a line chart to show their change for better or worse.

b.) I will add several graphs that you can change with a slide-down options button that compares the prices of each company in my area. This will have multiple options like for similar bundles and default prices for services.

**3.) The Context Diagram, DFD, and major use cases along with the use case diagram.**

Context Diagram:

Company Services Information

Using Slide-down buttons to see certain info

Price and Bundle Info

User

Information Dashboard

Online Reviews

Displaying the Information in the form of graphs and info

Reliability and quality Opinions/info

I want to add this info, but I don’t know how to display it well on the dashboard, because its very important but not a very graphable type of info.

Data Flow Diagram:

Price and Bundle Info

Company Services Information from Websites

User

Information Dashboard

Service Reliability and quality themed Opinions/info

Default Prices or Bundle Prices over the years in my area

Online Reviews from Websites

Major Use Cases:

**Slide-down Option Buttons**

**Author (s): Justin Cartwright Date: 4/26/2021**

**Version: \_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| **USE CASE NAME:** | Slide-Down Option Buttons | **USE CASE TYPE** |
| **USE CASE ID:** | 001 | Abstract: 🗹 |
| **PRIORITY:** | Medium/High | Extension:🞏 |
| **INVOKED BY:** | User |  |
| **PARTICIPATING ACTORS:** | User and Dashboard | |
| **DESCRIPTION:** | User uses a slide down options button to change the displayed information. | |
| **PRE-CONDITION:** | None. | |
| **TYPICAL COURSE**  **OF EVENTS:** | **Step 1**: User clicks the button to open the options. | |
|  | Step 2: Dashboard will slide the button down to display the options (like for companies, it’d list Spectrum, AT&T, etc.). | |
|  | Step 3: User picks an option to display the info of. | |
|  | Step 4: System switches the displaying data set to the corresponding picked option. | |
| **ALTERNATE COURSES:** | N/A | |
| **POST-CONDITION:** | Displayed content has been switched. | |

Use Case Diagram:

Uses button to switch company whose info is showing

Dashboard displaying specified company’s content

Icon

Description automatically generated

Icon

Description automatically generated

Dashboard’s Stored Data Sets

Dashboard displaying content

Me (creator of the dashboard)

User

Uses button to switch options we are comparing (like default price to bundles)

Dashboard displaying specified option’s content

**4.) The screenshot of the webpages and user interfaces with brief descriptions of what each one is for.**

Text

Description automatically generated

So, I don’t have the dashboard working yet. I know I need it too, but its been a busy week and its not done yet. I’ll have a dashboard like the one in our dashboard labs way back, and it’ll work the same way, I just don’t have it complete yet.

**5.) The model of the database as well as some sample data that you expect to have in the database, if applicable.**

Graphical user interface, text

Description automatically generated

Although its small now, im still working on collecting all the data. I have to somehow work in bundle info like phone calls, internet gigs, price and bundle price. So there will be more to this but this is an example of real prices from Spectrum in a database to plug into my graphs.

**6.) A link to a short video of how it works (or intended to work). Remember the test-driven development, you need to think about how to change the user stories into test cases. Obviously, this is just an attempt to make sure you are on the right track to finish the work.**

Link here: [Project Dashboard Demo - YouTube](https://www.youtube.com/watch?v=3EifeX31frA)

**7.) Indicate under each part which team member(s) has finished the tasks.**

I’m solo, so it’s all on me.

**8.) A statement with the names of all members at the beginning or the end of your document stating that you all contributed to this document and is proofread by every team member.**

Again, I’m solo so I’m unsure what I need to put here.

**9.) A link to your project team’s github repository. Please ensure it is publicly viewable.**

Github link: [Jcartwr7/Project-Dashboard-Solo: Solo Project for an internet dashboard to display info on utility prices and such in my area. (github.com)](https://github.com/Jcartwr7/Project-Dashboard-Solo)

Linechart and multilinechart arent edited yet. I havent worked on the code much yet and its just from the labs. I'll repurpose it into my code in the next few days.