

Application Design Document

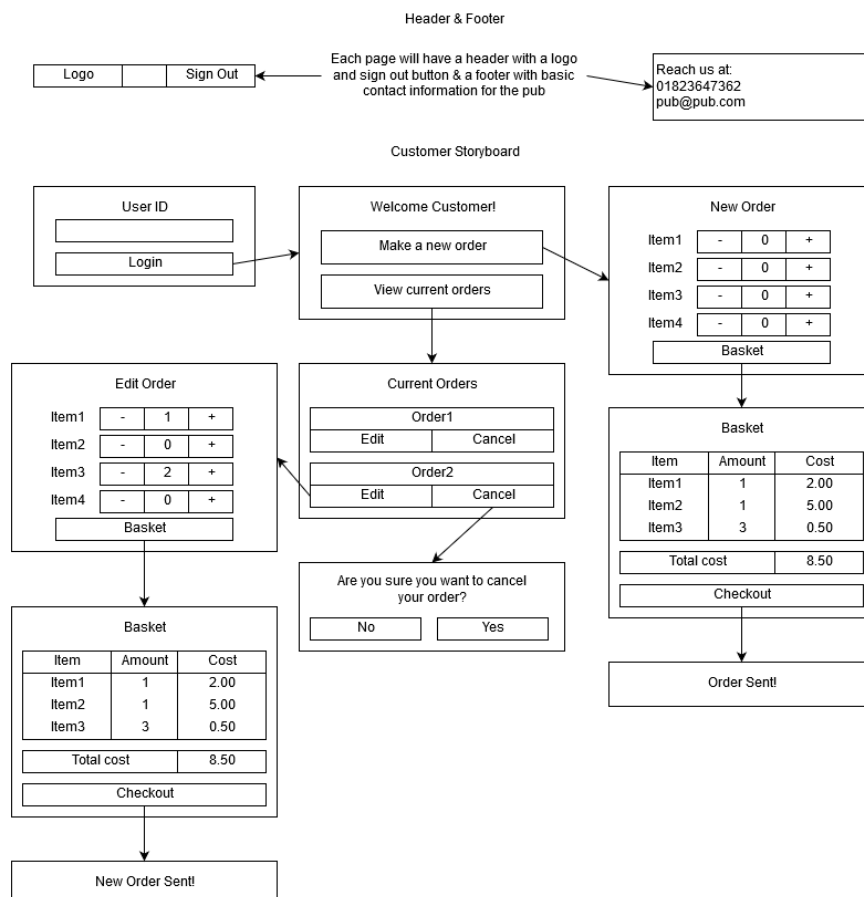
This is the application design document for ISAD251. This has been created by Samuel Jordan ID: 10611160.

This is the planning and creation of the pub application, which was made to be able to function as a fully working ordering system. The requirements of this task are as follows.

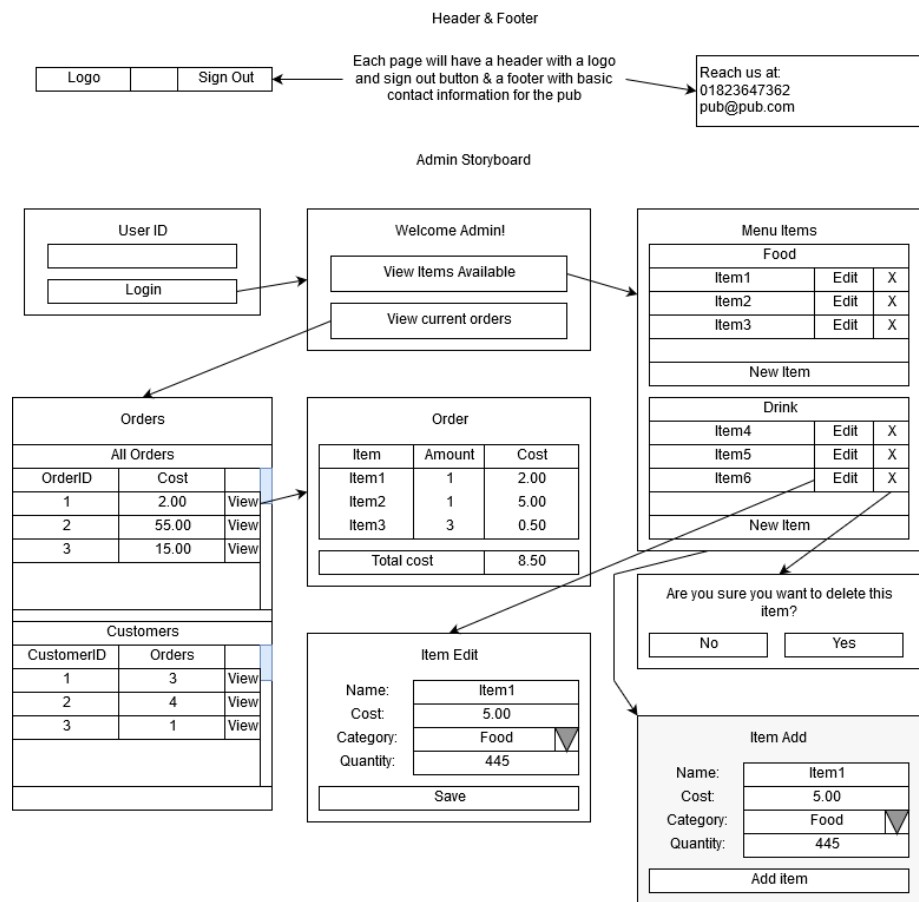
1. As a customer I wish to order a drink/snack.
2. As a customer I wish to see what I have ordered.
3. As a customer I wish to add to my current order for a drink/snack.
4. As a customer I wish to cancel my order for a drink/snack.
5. As the admin I wish to enter details of the drinks/snacks I have for sale.
6. As the admin I wish to read the details of the drinks/snacks I have for sale.
7. As the admin I wish to view a customer's order(s).
8. As the admin I wish to edit the details of the drinks/snacks I have for sale.
9. As the admin I wish to withdraw a drink/snack from sale.

Storyboard

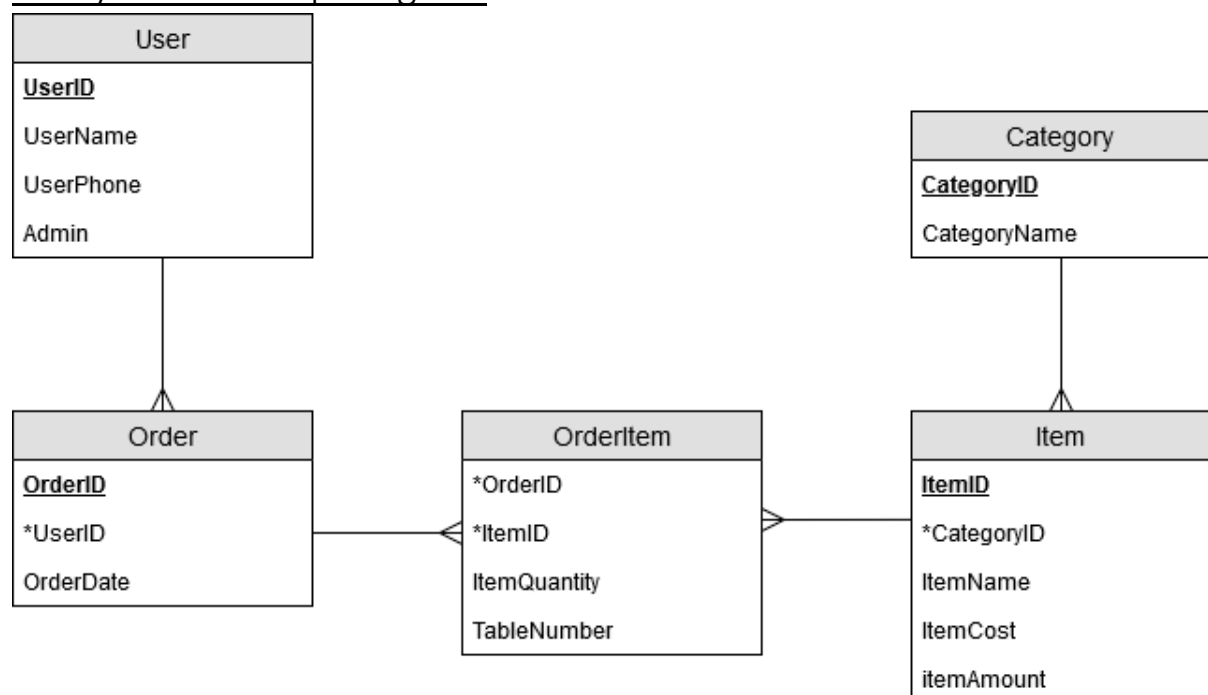
Here is the storyboard for the customer



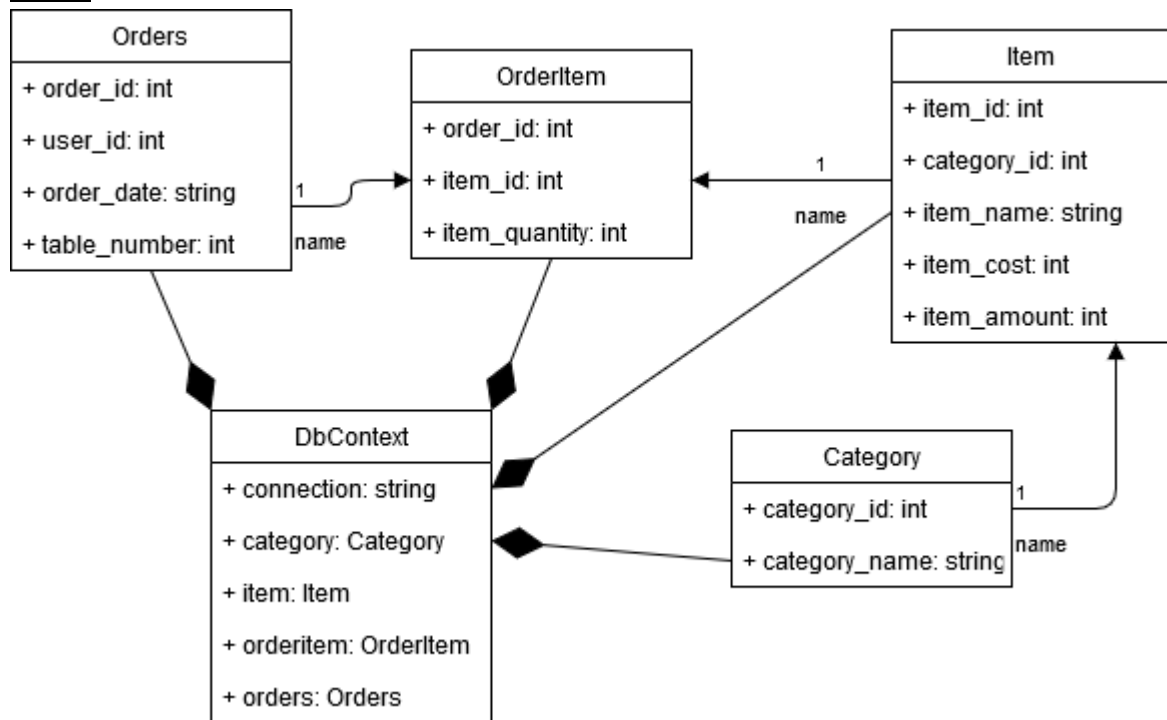
Here is the storyboard for the admin



Entity Relationship Diagram

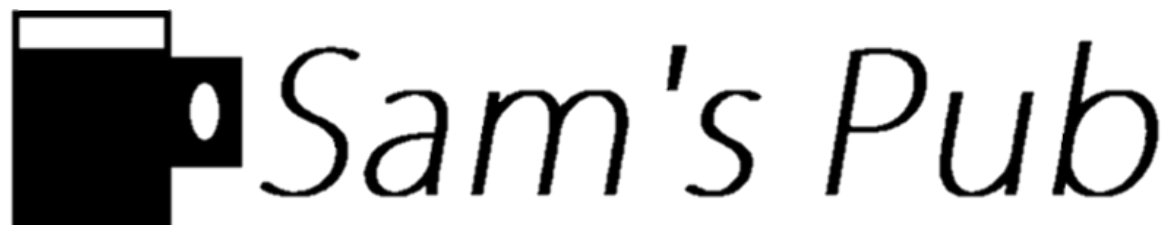


UML



Images Used

I used one image within my application, which I created myself within paint. This was the logo for the pub application which was placed in the header of each page.



WAI Testing

Here are the results that I got from <https://webaccessibility.com> after I had put in the URL for the site.

Test Results For	
http://localhost/PubApplication/public/index.php	
Test Run:	
01/09/2020 09:46:33 ET	
Download Report	
Total Compliance	
88%	
Best Practice	
Instances	
Ensure pages use the title element	1
<script>	
Ensure the language of a document is set	1
<script>	

Feedback

Here is the feedback that I got when I showed another person my application:

Peer Review Template

Peer Review carried out by Alex Pritchard

Date:22/10/2019

The peer review should pick one of the user stories and attempt to use the application as that type of user carrying out that task. On completing using the application, you should ask the author to describe to you one aspect of the code implemented to run the task – eg the database structure or the server-side code.

Task conducted: (Please enter the user story)

As a customer I wish to cancel my order for a drink/snack.

As a customer I wish to add to my current order for a drink/snack.

Was the task easy to carry out? (If no or not really, please say why)

Yeah, pretty straight forward. Not needlessly complicated.

Did you encounter any errors? (If yes, please explain what)

Nope!

Did the author have to explain how to use anything? (If yes, what?)

Only because he wanted me to do a specific action. If he had just said "Order a new item", it would've been easy to do alone.

What constructive advice would you give the author for presenting their work/code in future?

Header is a bit off – sort out the padding of the back button.

Too much white space.]

From this feedback, I changed the header, having to add a CSS file to be able to fix the problem of it not aligning properly. I also made the buttons for the main pages a bit bigger, so that there would hopefully be less white space on the page.

If I had more time there is a couple things I would do. The first I would use a template, rather than just using bootstrap, as it looks very bare, and as the feedback suggests, there is a lot of white space, so using a template would hopefully help with that. Another thing I would do is add more validation to the users inputs. I tried to use prepopulated drop down inputs wherever I could to minimize problems, but if I could have, I would like to have added more validation on the inputs.

URLS

Hosted webpage URL:

<http://web.socem.plymouth.ac.uk/ISAD251/sjordan3/pubapplication/public/login.php>

This is where the application starts and from here you can complete the specified requirements.

API Middleware URL:

<http://web.socem.plymouth.ac.uk/ISAD251/sjordan3/pubapplication/src/api/orders/index.php>

Github Repository URL: <https://github.com/SamuelJordan101/ISAD251>