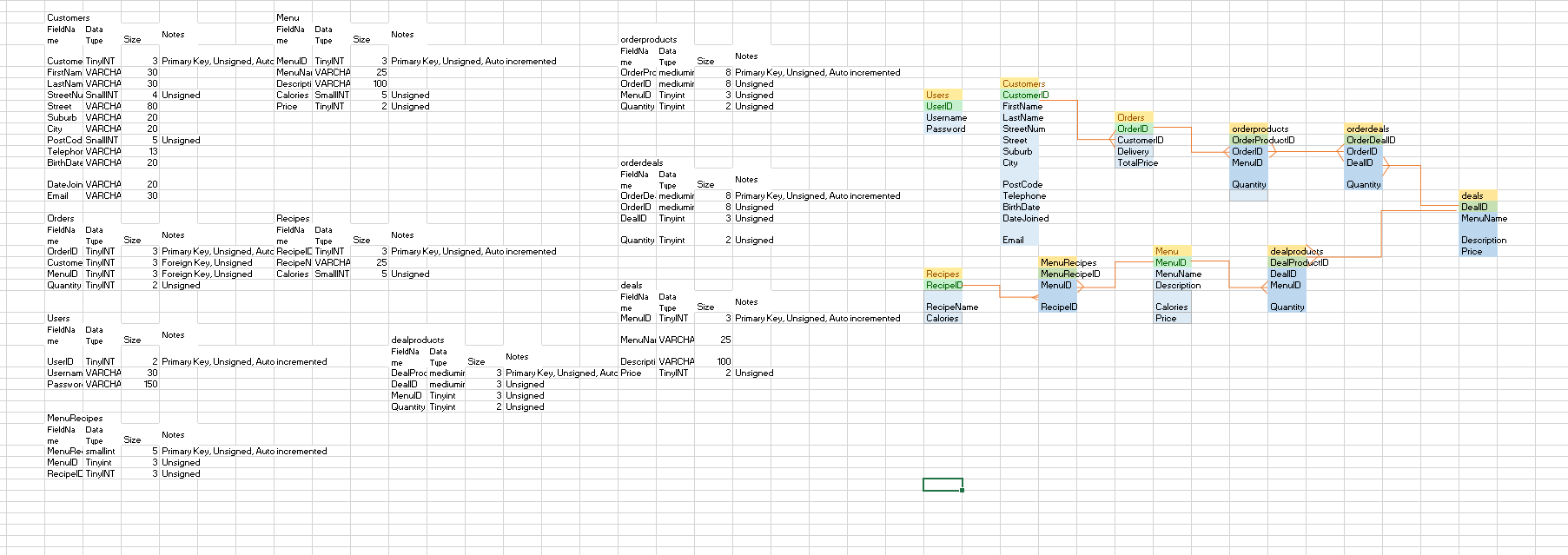
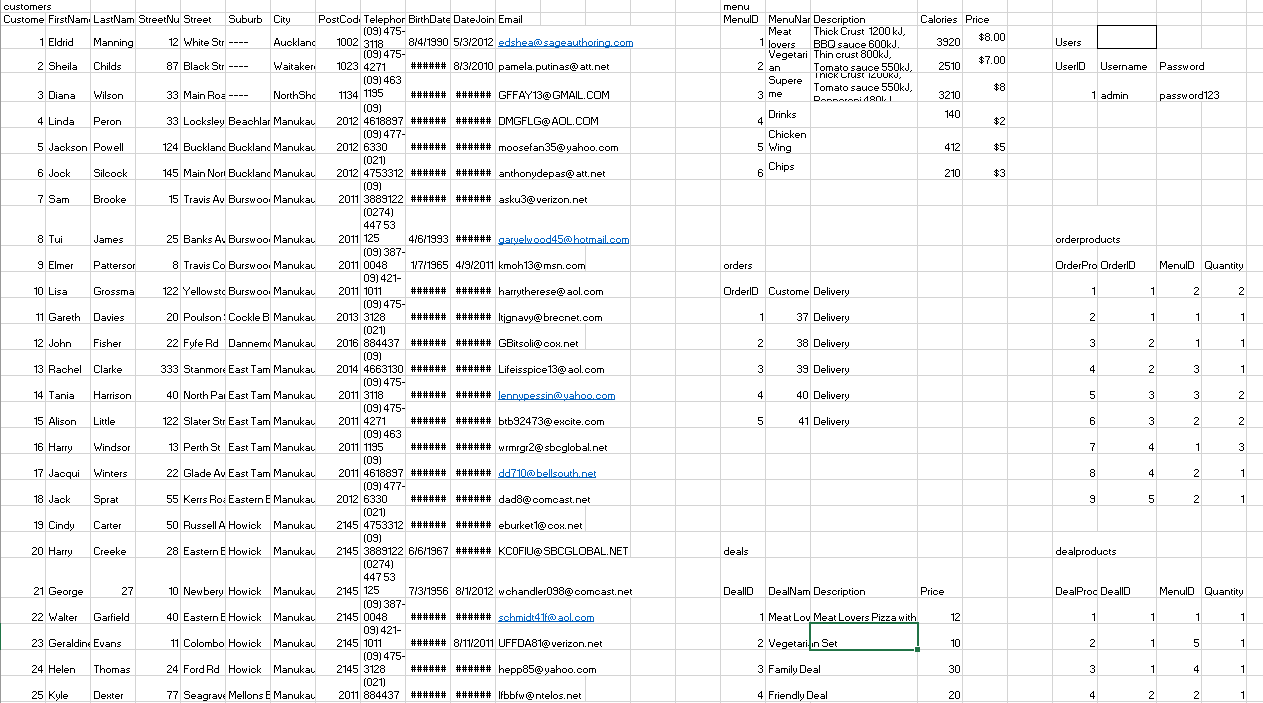
# Plan

## Tables and Schema –







## Plan for linking data between applications

Explain how you will link the data that is stored in your phpMyAdmin to a webpage. i.e. which language and specifically which functions will you use to link these two things together.

|  |  |
| --- | --- |
| Questions | Your Answers |
| Language used to link your PHP MyAdmin database to your HTML webpage | php |
| Name and password of the user that you set up on your database | Username: admin  Password: password123 |
| Which privileges does that user have | add new pizzas deals.  edit the details of existing Customers  search order by customer, pizza  change order details |
| Function used in that language to connect your page to your database | $dbcon = mysqli\_connect ("localhost", "Username", "Password", "Database Name ") |
| Functions used in that language to query the database | SELECT `Table1`.`Variable1` ` Table2`.` Variable2`  FROM `Table1`, `Table2`  WHERE ` Table1`.` Variable1` = 'Value'  AND ` Table1`.` Variable3` = ` Table2`.` Variable3`  ORDER BY `Table1`.`Variable1` ASC;  2.  ADD  3.  UPDATE |

Before you begin any implementation of the database you must come up with a plan. Review the existing data and thing about any more data that will need to be held in the database.

You ***must*** submit your plan as part of your assessment. You can revise you plan as you move through the tasks if you find it necessary. The database plan should show all:

**Queries**

* Show information about Customers

SELECT \*

FROM `Customers`

WHERE `Customers`.`CustomerID` = '…'

ORDER BY `Customers`.`LastName` ASC;

* Add information of order

INSERT INTO Orders (OrderID, CustomerID, MenuID, Quantity, Delivery)

VALUES ('#', '#', '#', '#', '#');

* Add new Customers

INSERT INTO Customers (FirstName, LastName, StreetNum, Street, Suburb, City, Postcode, Telephone, BirthDate, DateJoined, Email)

VALUES ('#', '#', '#', '#', '#', '#', '#', '#', '#', '#', '#');

* search the database for pizzas by typing a search string for pizza (staff do not need to be logged in to do this) and see information about pizza, ingredients, calorie value and price level

SELECT \*

FROM `Menu`

WHERE `Menu`.`MenuID` = '…'

ORDER BY `Menu`.`MenuName` ASC;

* Search Deal

SELECT \*

FROM `Deals`

WHERE `Deals`.`DealID` = '…'

ORDER BY `Deals`.`DealName` ASC;

* Update existing Customers information

UPDATE Customers

SET FirstName = '#', LastName = '#', StreetNum = '#', Street = '#', Suburb = '#', City = '#', Postcode = '#', Telephone = '#', BirthDate = '#', DateJoined = '#', Email = '#'

WHERE CustomerID= '#';

* add new menu

INSERT INTO Menu (MenuID, MenuName, Description, Calories, Price)

VALUES ('#', '#', '#', '#', '#');

* add new deals

INSERT INTO Deals (DealID, DealName, Description, Price)

VALUES ('#', '#', '#', '#', '#');

* Delete menu

DELETE

FROM `menu`

WHERE MenuID = ‘ ‘

* Search for menu includes in a deal

SELECT \*

FROM `menu`, `dealproducts`

WHERE `dealproducts`.`DealID` = '".$current\_deal."'

AND `menu`.`MenuID` = `dealproducts`.`MenuID`

ORDER BY `dealproducts`.`MenuID` ASC

* UPDATE Orders

SET DealID = '#', DealName = '#', Description = '#', Price = '#'

WHERE DealID = '#';

* search order by Customer,

SELECT `Customers`.`FirstName`, `Customers`.`LastName`, `Orders`.`MenuID`, `Orders`.`Quantity`, `Orders`.`Delivery`

FROM `Customers`, `Menu`, `Orders`

WHERE `Customers`.`customerID` = '37'

AND `Orders`.`CustomerID` = `Customers`.`CustomerID`

AND `Orders`.`MenuID` = `Menu`.`MenuID`

ORDER BY `Customers`.`FirstName` ASC;

Pizza

SELECT `Customers`.`FirstName`, `Customers`.`LastName`, `Orders`.`MenuID`, `Orders`.`Quantity`, `Orders`.`Delivery`

FROM `Customers`, `Menu`, `Orders`

WHERE `Menu`.`MenuID` = '2'

AND `Orders`.`CustomerID` = `Customers`.`CustomerID`

AND `Orders`.`MenuID` = `Menu`.`MenuID`

ORDER BY `Customers`.`FirstName` ASC;

* Check Criteria for log in user

SELECT \*

FROM `users`

WHERE `Username` = 'username'

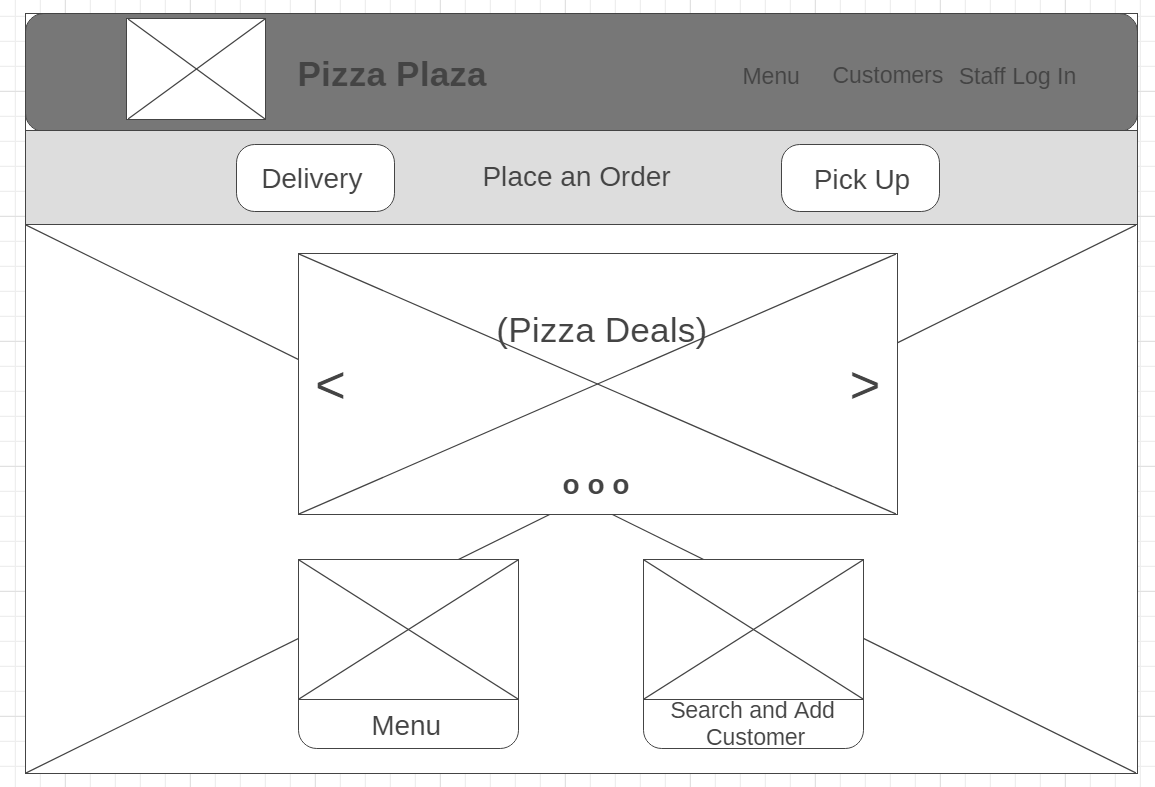
AND `Password` = 'password"

## Plan for how the website will look (site plan and wireframes)

**Wireframe**

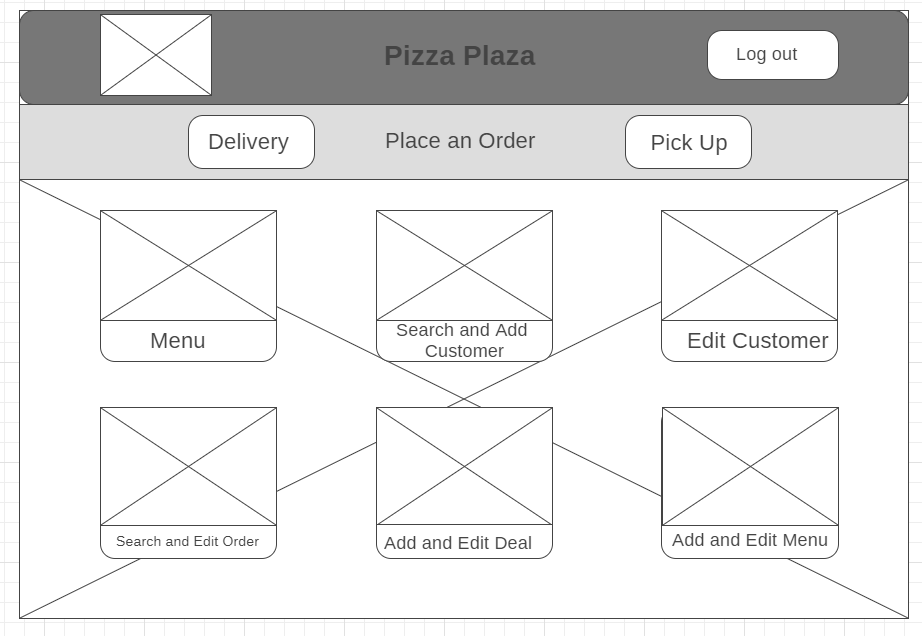
Customer index

<https://wireframe.cc/C5CsCG>



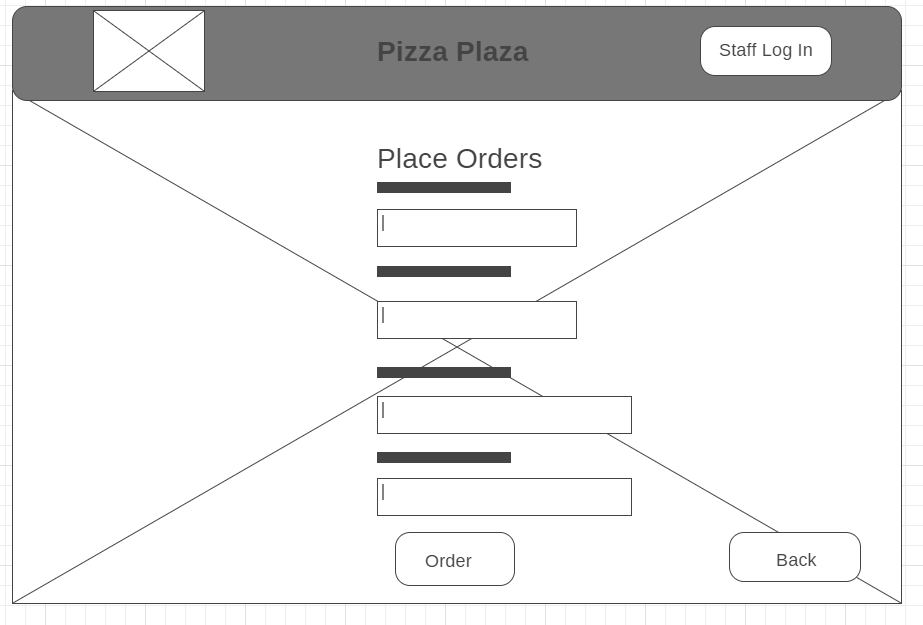
Staff Index

<https://wireframe.cc/wA3JMX>



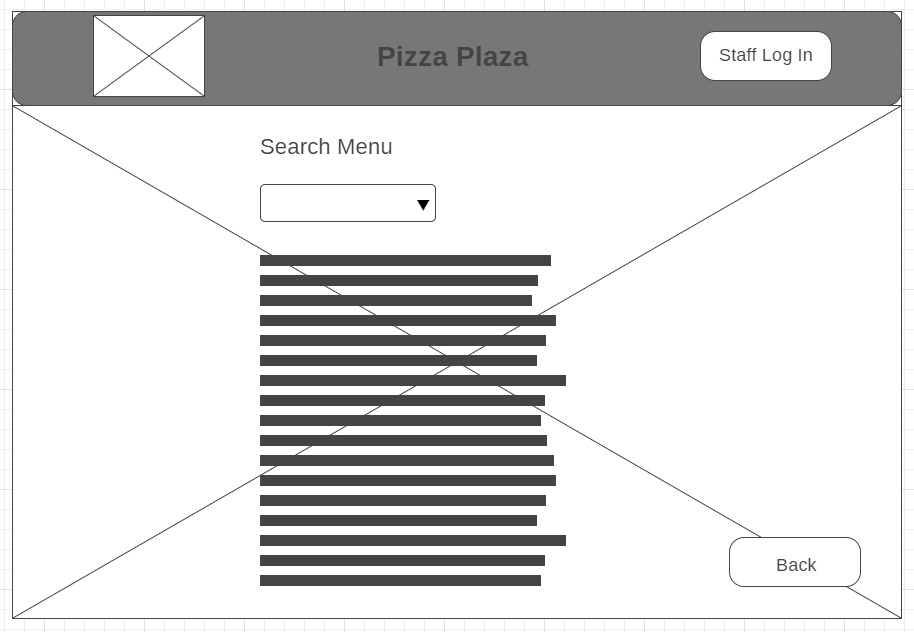
Order

<https://wireframe.cc/CQ3rAh>



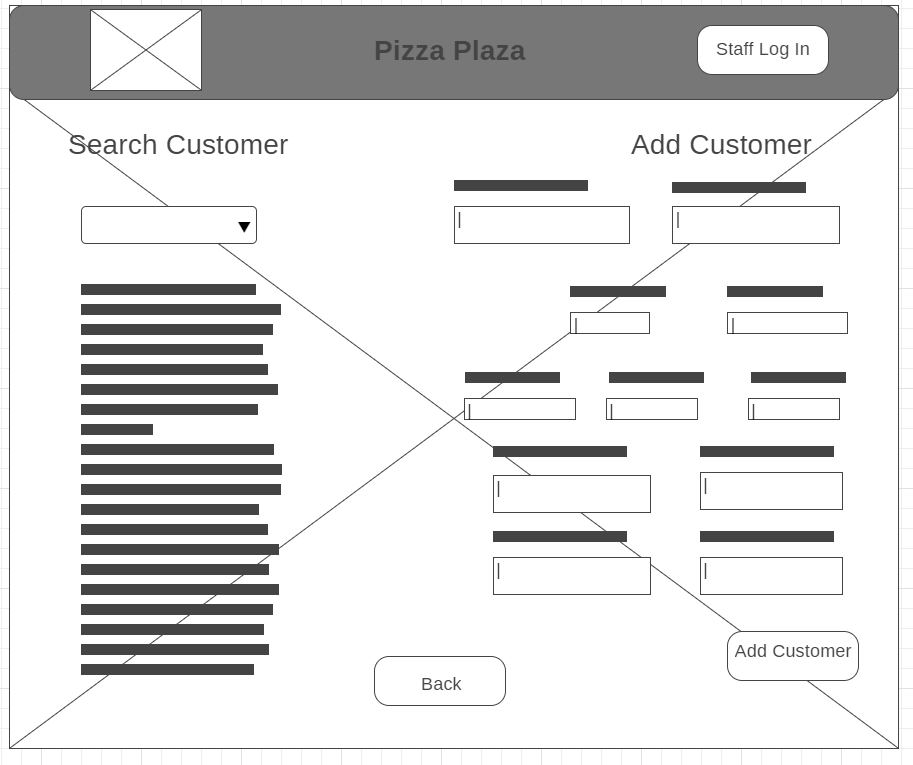
Menu

<https://wireframe.cc/Ocsy2f>



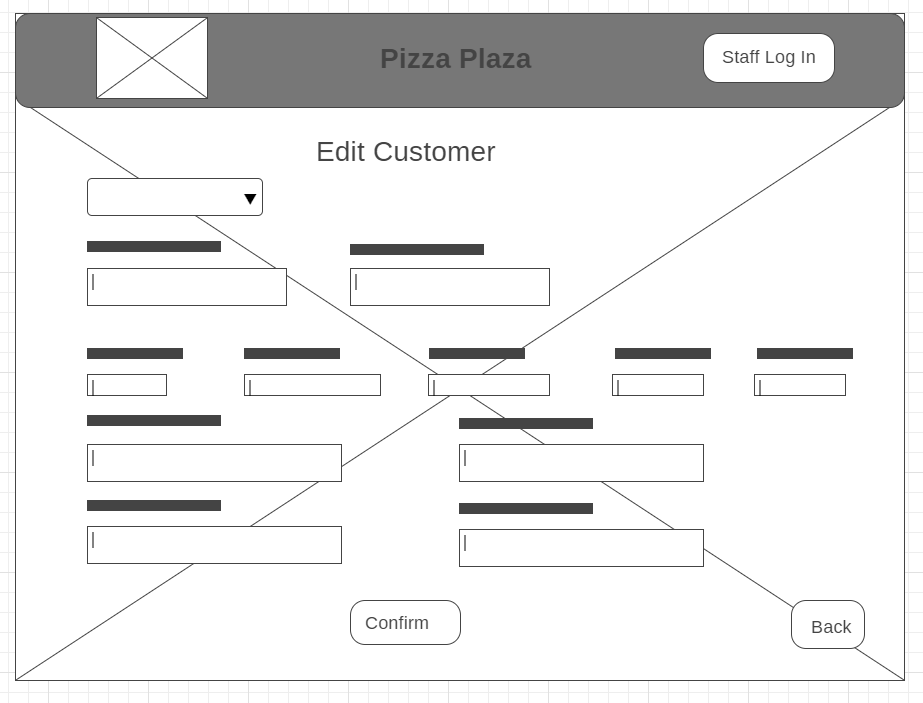
Search and Add customer

<https://wireframe.cc/n4cu3y>



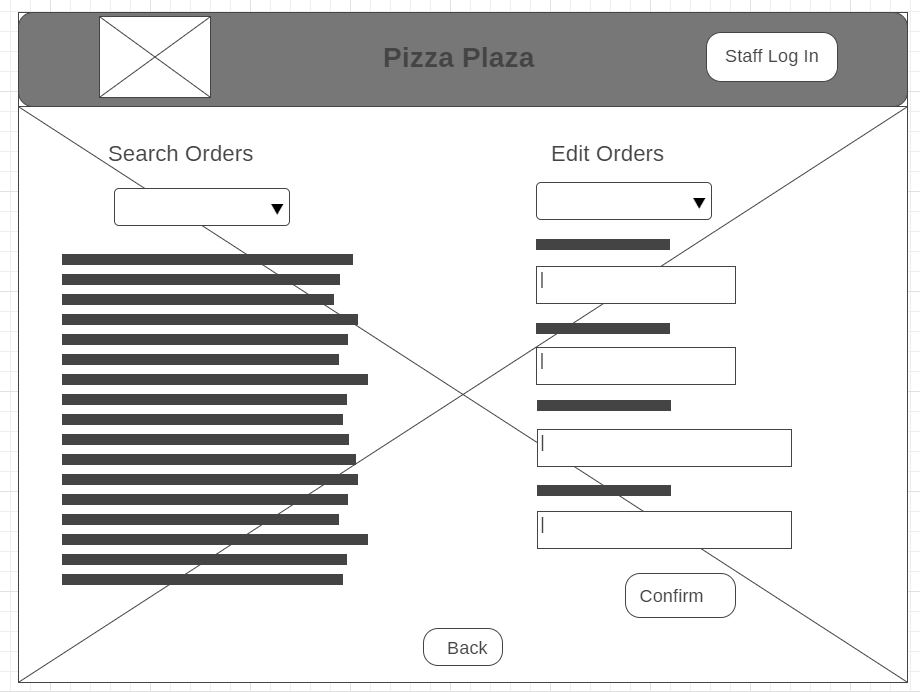
Edit customer

<https://wireframe.cc/teiRVg>



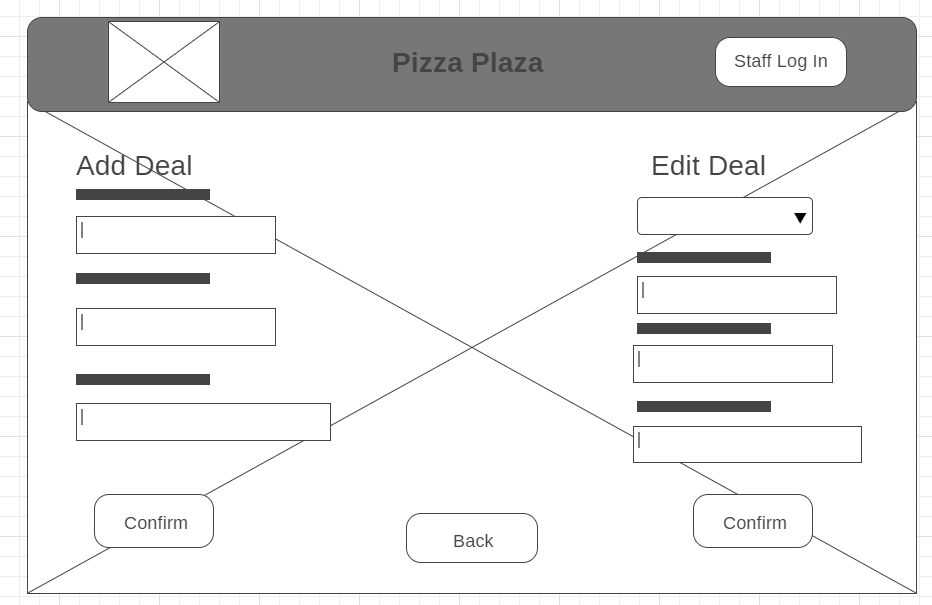
Search and Edit Order

<https://wireframe.cc/54Q5Cf>



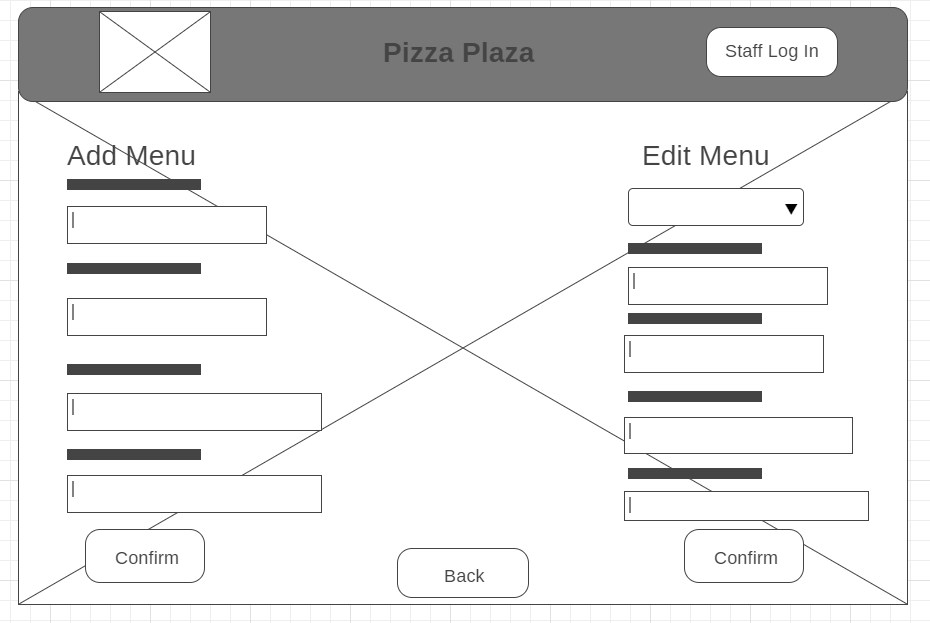
Add and Edit Deal

<https://wireframe.cc/Gp8Dm9>



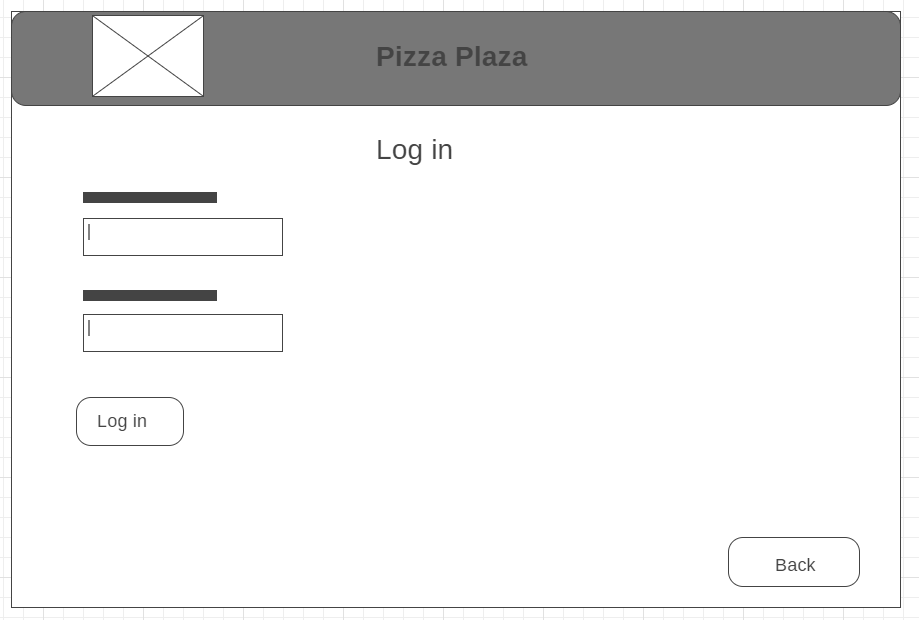
Add and Edit Menu

<https://wireframe.cc/6LANop>



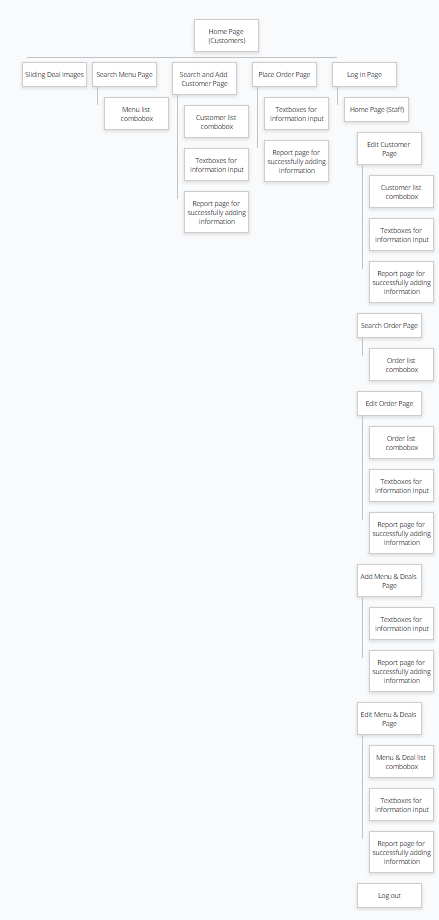
Staff Login

<https://wireframe.cc/noUlSX>



**Sitemap**

https://www.gloomaps.com/QPXPCRwNgi



## Other features (Extension):

Deal table which is a set of menu apart from ala-carte menu itself

Manu to many relationship

Customers to check pizza deals

Deal and menu can be add, edit, delete in the website

Order can also be searched, edit and delete

Menu tabs when minimise screen