

INFO 6250 35902: Web Development Tools and Methods
Spring 2019, Prof.Yusuf Ozbek

Project Proposal
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Building the prototype of the online store for a fast food restaurant

Background:

In the continually growing and competitive world, to be successful, it is necessary to sustain in the market. A business flourishes when it retains its customers. A lot of strategies are used by the companies to sustain in the respective industries; one of them is launching their businesses online.

Justification:

There are many tactics used by a business to be around for the long run, one of them is launching the online site. By owning a website, companies can establish and strengthen their brands. The business can run several creative marketing campaigns linking through Facebook, Instagram and so on to reach out to the more targeted audience. It has been observed that businesses have seen incredible growth by marketing through the online platforms. Therefore, owning a website for a company is an essential piece of strategy for growth.

Objective:

To build the prototype of the online store for a fast food restaurant.

User-Stories:

- 1) A user should be able to register on the web application.
- 2) A user should be able to log in to the web application with username and password.
- 3) A user should be able to see the product list.
- 4) A user should be able to access the information about each product.
- 5) A user should be able to add the product to the shopping cart.
- 6) A user should be able to remove the product from the shopping cart.
- 7) A user should be able to clear the shopping cart.
- 8) A user should be able to checkout to confirm the order.
- 9) A user should be able to cancel the checkout and thus cancel the order.
- 10) A user should be able to log out of the web application.
- 11) An admin should be able to log in to the web application.
- 12) An admin should be able to view, check and modify the product inventory.
- 13) An admin should be able to see the customer list.
- 14) An admin should be able to log out of the web application.

Project Design:

The web application should be developed using a Model-View-Controller approach with the Spring and Hibernate framework. The framework should be implemented with the Integrated Development Environment called NetBeans IDE.