**Spartan Market**

**Team 17**

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**Project Overview**

* Provide descriptions of the Based Database Application your team will be developing. Who are the stakeholders? Why is it important?

“Make your reading not only reading, but also values!”

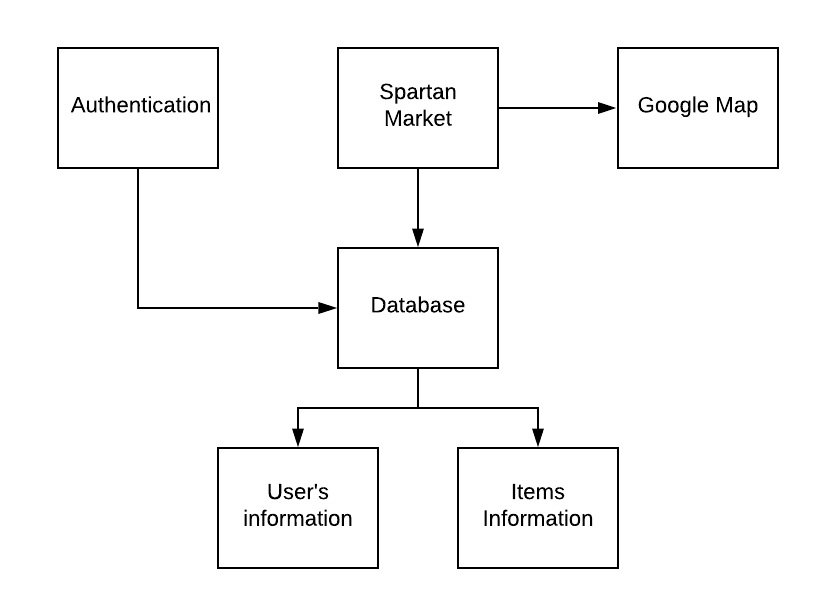
The database application we are proposing is titled ‘Spartan Market.’ The application is to serve people who enjoy reading and want to benefit from it. Nowadays, people spend a lot of time on social media and watching videos. Although people can relieve stress when they use these applications, but when they are off, people feel lonely and makes them want to go online again which can lead to an addiction. These forms of entertainment do not bring real happiness to people.

According to Felecia in “10 Benefits Of Reading”, she mentions that reading helps people to learn and improves memory, develop good analytical skills, expand their vocabulary, improve writing skills, relaxation, improve concentration, inspire them, even reading with their kids to increase time with families, improve their language skills, and wrap up. We want to create a platform for people who like to read and make that experience.

The application would have many kinds of books such as Children’s Books, Novels, Magazines, Textbooks, etc.

* System Environment

A Structure Diagram of the system ( graph/diagram based on 3-tier architecture)



* + Database is MySQL.
  + Languages used is Javascript.
  + Software for backend is nodejs, Apache HTTP Server
  + Software for frontend is react, html.
* Functional Requirements

Describe users and how users can access your system

Users can:

* + create a new account
  + login using user ID and password
  + forgot password function
  + save user’s information
  + save user’s payment
  + save user’s cart

Describe each functionality/features, functional processes and I/O(s).

* Items
  + Category
  + Amount
  + Price
  + Producer
* Cart
  + Items which users choose
  + The amount of each item
* Payment page
  + Items
  + Total payment
  + Enter address to ship
  + Confirm payment method
* Map
  + Show our stores in Google Map
* Contact us
  + Website information
  + Email to contact
* Non-functional Issues

Types of Graphical User Interface (GUI) and Software tools to build GUI Security, access control, …

Software to build GUI

* React
* JavaScript
* Html
* Css
* Bootstrap (maybe)

**Works Cited**

Smith, Felecia. 10 Benefits Of Reading. Technobezz. August 14, 2018. https://www.technobezz.com/10-benefits-of-reading/