**REFLECTIVE DOCUMENT**

**Team Name: Vision Quest**

**Application Name: Inventory iOS**

**Client: Zhengrui Qin**

**Team members’ roles & responsibilities:**

* Database Administrator & Testing: Sai Suneel Reddy Challa
* Requirement Gathering & UI design: Jeevitha Kamatham
* UI Design & Program Analyst: Manoj Kumar Kotte
* Testing & Documentation: Meghana Thakkellapati
* Database Administrator & Documentation: Sahithya Vuppala

Our project Inventory System is mainly designed for a businessman to manage his/her online store. The project mainly addresses the problem that the physical stores usually face like they have restrictions on the number of products one can buy at most during sale time. The owner hires users based on his requirements and the user get the product for the lowest price and gets a profit. For e.g. in Christmas, the sales rate is huge. There may be scarce in products. So the clients need to cope up with the competition in order to deliver products to customers in time by Businessman. So in these cases, our project is used.

Our project is designed based on the assumptions that the products are assumed to be available by the client and the Shipping receipt provided by the client is assumed.

In our project till now we have designed

* ER –Diagram
* Designed user interface for admin
* Designed user interface for client and guest
* Register Screen for new user
* Connection to the database using back4app
* Implemented User Interface
* Documentation

Since we have not implemented much we just have minor changes to be done so in the future we can improve the user interface and the connection and segues in the storyboard of the app.

We faced problems while connecting to a database whenever the user gets signed-up and designed ER-diagram but however it is rectified. Since we didn’t start coding this is the only challenge we faced.

In the next semester we would develop an app

* Documentation
* Implementing all Functionalities for Admin ,Client ,Guest
* Testing our application