INTRODUCTION

Our system will be designed to manage stock in a warehouse, focus on clothing storage. Development will be used by managers and operators to record every new item in and out of the storage. The system to manage the inventory particularly focus on the cloths storage. The system will be used by store managers and employees to record each new item in and out of the storage. Managers and employees will be differentiated by the employee id and they will have different responsibilities. Users can update the quantity of an item and add new category.

Technologies we have decided to develop our system are MS SQL server to save detail of products and employee information, for structure of the system we are using HTML and bootstrap framework. For frontend development we are using ReactJS and for backend we are using Dot Net to generate APIs.

The user interface shows the user journey and it includes the following:  
 Login: the user login with their employee id and pin

Home page: the menu options for transactions, stock in, stock out, current stock and user profile.

Transaction: the stock records which will record each transaction, with the type either stock out or stock in.

Stock In: the user input form with fields for product id, product name, quantity and category for adding item to the stock.

Stock out: the user input form with fields for product Id , supplier and quantity to get stock out.

Current stock: the record of stock available currently in the storage.