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The application that I chose for this project is the Inventory management application. This application will be used to track an inventory management system. To accomplish this this application will feature a home page where a user can add items delete items and edit current stock. Upon the application startup you will be taken into a login screen where the user will be asked to input their login information. The input types used on the login screen will include the user's e-mail address and a text string type password. A new user and a sign-in button will be located at the bottom of the screen. Upon completion of the login or new user sign up they will be taken to the home page where they can add delete and edit items. This application was designed to allow users who worked in the industry to keep an up-to-date inventory on their persons, and to identify proactively when an item was low in stock versus running out and being unable to fill an order.

The most difficult and complex area to design for this application was the screen to add and delete inventory items. Another complex area was the implementation of the SMS messaging services that will notify the user or admin and a stock is low. I believe that the data grid section is what I am most proud of. It uses an adapter to create a row layout and then applies that to data pumped in from SQL Lite. I really think that area is the strongest area of that application.