Senior Project: C’s Perfect Tie

The following stories below are the functional behaviors for our project working with C’s Perfect Tie. Clarence Gardner is our client for this project and has given us a scope for a sales website. Currently only selling in person and over the phone our website will allow him to reach digital clientele with ease. The owner in the stories below is Clarence Gardner who owns C’s Perfect Tie. The customer is someone who will be shopping at his store. The website will be deployed on Amazon Web Services. We chose AWS because of it’s reliability and cost. The framework that we will be using for the website will be Ruby on Rails. Clarence will have full ownership of the product therefore our team saw no need for an NDA. When our client receives the product he will have his IT consultant maintaining it and making the website run smooth. Our unit testing will be implemented at various checkpoints throughout our time developing the website.

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| Functional  Description | risk | Estimated time | actual time | %done |
| Login for customers where they can create user profiles. (Customer and Client can view) | Low | 3 Days | 1 hours | 60% |
| A homepage displaying the main information regarding the business and links to the rest of the website, also shows upcoming events | Low | 4 days | 1 hour | 40% |
| Customers can view an Inventory of all products.  (Customer and Client can view | Medium | 1 Week | 4 hours | 5 % |
| Owner can easily add and remove items from the inventory updating the database realtime.  (Client only view) | Low | 2 Days | 4 hours | 10% |
| Customers can search by gender , size, brand color | Low | 2 Days | 0 | 0% |
| Customers able to pay online securely through pay pal. | High | 1 Day | 0 | 0% |
| Home delivery for customers. Including an option for out-of-stock. | Medium | 1 Week | 0 | 0% |
| Ability for customers to view current orders and track packages. | Low | 1 Week | 0 | 0% |
| Email confirmation with information about a customer’s order. | Low | 3 Days | 0 | 0% |
| Build Contact information page to hold store contact information. | Low | 1 Day | 2.5 hours | 90% |