**EE4717/IM4717 Web Application Design - Project Report**

**Design project group number: F33-DG07**

**Team members: Chua You Liang, Neo Zhen Ting**

**Project Title: Beep and Geek Summary of Project**:

The objective of this project is to create a web portal for online purchase of consumer electronics and/or IT products. This web portal will provide a one-stop solution for all tech-savvy customers as well as tech-lovers out there. The web portal will be selling products such as phones, laptops, cables and many more. Customers will enjoy an easy, smooth and fuss-free experience from browsing products to selection to making payments. They will also be able to track the status of their orders via the web portal or email.

# Application Requirements and Specifications

* Allow customers to browse products based on categories
* See details of each product
* Make order + payment
* Receive confirmation email
* Check delivery status

# Functional Requirements and Specifications

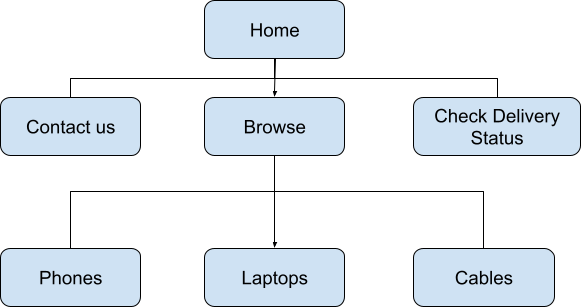
* Home page: Short paragraph describing the website, show featured items

(popular/promo items), button to “Go into store” which links to the catalogue

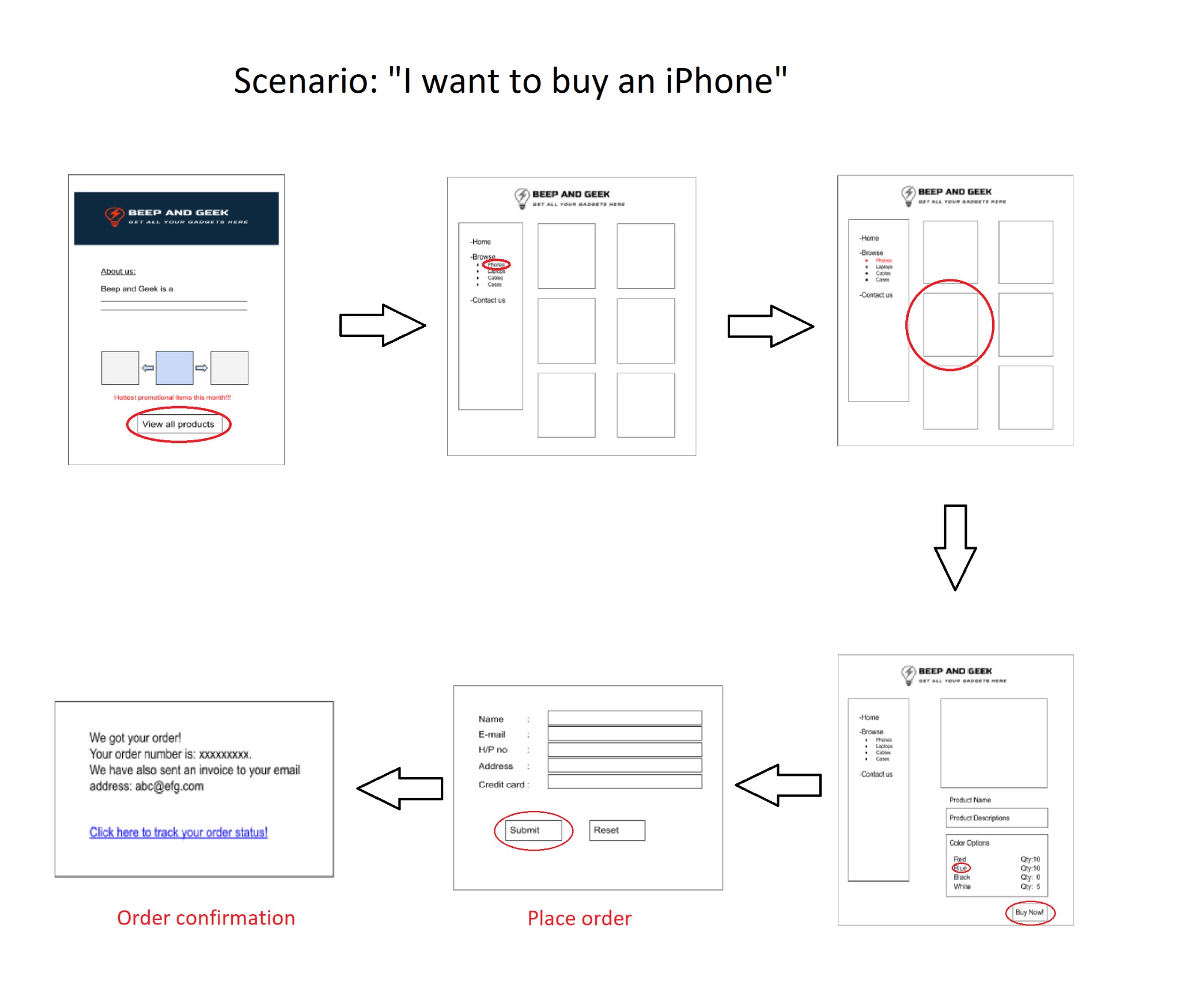
* Catalogue: allows user to browse all products (image + name)
* Browse by category: subset of catalogue - allows users to browse products in certain category (phone, laptops, smartwatch, earphones)
* Product page: Lists product image, name, description, stock available, color options, buy button. Buy button links to purchase form.
* Purchase form: Allows users to enter personal details, purchase amount, and payment details. Can implement as pop-up or separate page. Links to confirmation page upon submission. Confirmation page includes order no. for tracking purposes
* Check delivery status: Allows users to enter order no. to track delivery status (order received, ready for delivery, out for delivery, delivered).
* Side navigation bar: Includes link for Home, Catalogue, Browse by category, Contact us

# Design of the web application

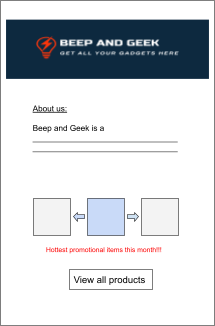
1. Site Map



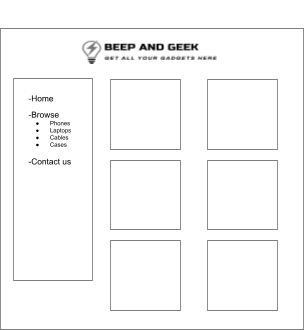
1. Storyboards:



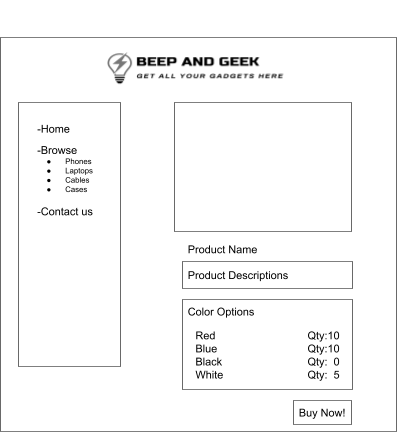
1. Wireframes:
   1. Home page:



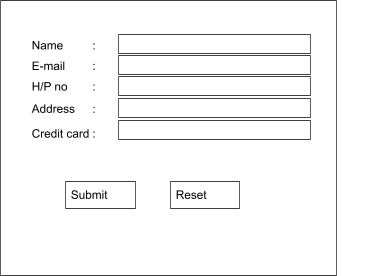
* 1. Catalogue:



* 1. Product page:



* 1. Purchase form:



* 1. Confirmation page:

