



**DUBLIN INSTITUTE  
of TECHNOLOGY**

*Institiúid Teicneolaíochta Bhaile Átha Cliath*

# Sample Design App Design Review

## Mobile Software Development Design Document



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## The application to be designed

The mobile application that I am designing is a music ordering / information application. The functionality of this application is to display the information about the products it has on offer to sell to various customers who have such interest in such items, as well as reviews of each of the product that has been bought by various customer. The user has the choice to purchase their own version of the products in offer depending on their specific area of interest. If an error is made in purchasing the item, they have a time limit to cancel their item they had previously wished to purchase.

They also have the choice to modify their account details if they wish to do so, as long as the identifier does not clash with someone else details. Through all the changes and transaction, there will be confirmation of the details of the account, with an error being displayed if one does pop up with the system.

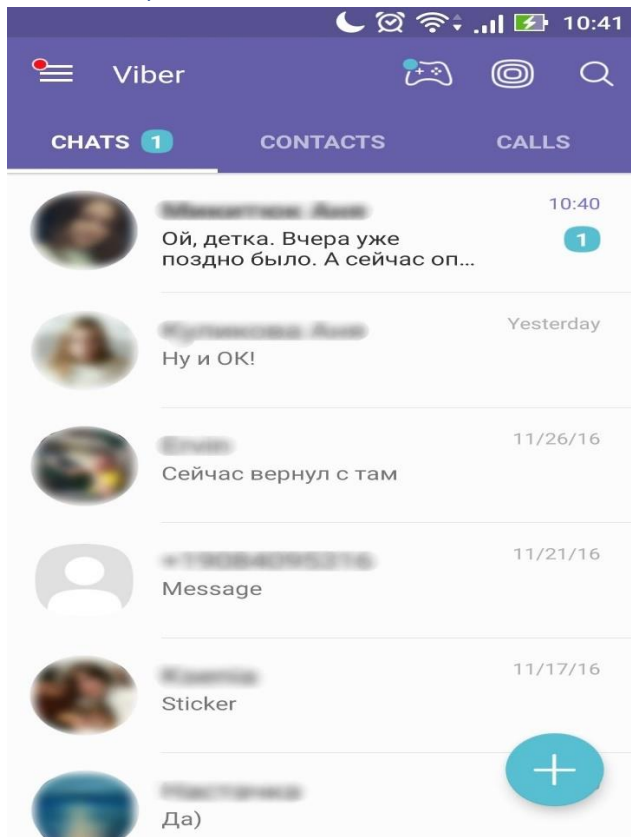
When getting access to the information, the products details are stored in the database associated with the application which can be only accessed by the app methods and cannot be directly accessed by the user.

## Technical Information about the website

All the features will be done through touch of the screen. On load, there are three viable buttons that have their own function with a smaller button out of the way at the top right corner. Once these buttons are clicked, a call back method happens (ie search searches for items in the database). A listview would be the way to display most of the items in the database. There will be a number of pages that will cover all the functionality of the application to allow extensive features of the application. There is use case diagrams, class diagrams, screen flows and database design to allow for visual representation of what the application can do.

## Viber (Mobile Version) – A messaging application

### Mobile Layout



### What is the application designed for?

The application is designed, by my understanding from using it, to contact others using the same application without having to resort to SMS, which the messages are transported over the internet instead. You can call people, text people, add new numbers update current ones delete undesired ones. In the part where we message people, we can send imagery, emoji, files and different file format that are supported by Viber themselves. You can also modify your own details, personalize your experience and use real money to assist others or further your experience. There is a sticker market which allows u to download some stickers to assist you in express yourself over text.

### What I like about this application

The effect of personalizing the experience is the most prominent feature to me but what initially attached me to the application was the visual aesthetic of the application as well as quality of what the application was designed for. Everything was easily understandable from the get go. The layout was clear to follow and what I had to do to make my experience of the application to work.

### What I don't like about the application

If there is critics about the application, it would be that it has much further than the original design of the application. An example of this is facebook didn't have the video or live video as part of the original design, they eventually added as part of ways to further expand the users experience.

## Colour scheme:

It is what I expect from the brand of the company – fits together as well as laid out nicely

## Navigation from screen to screen

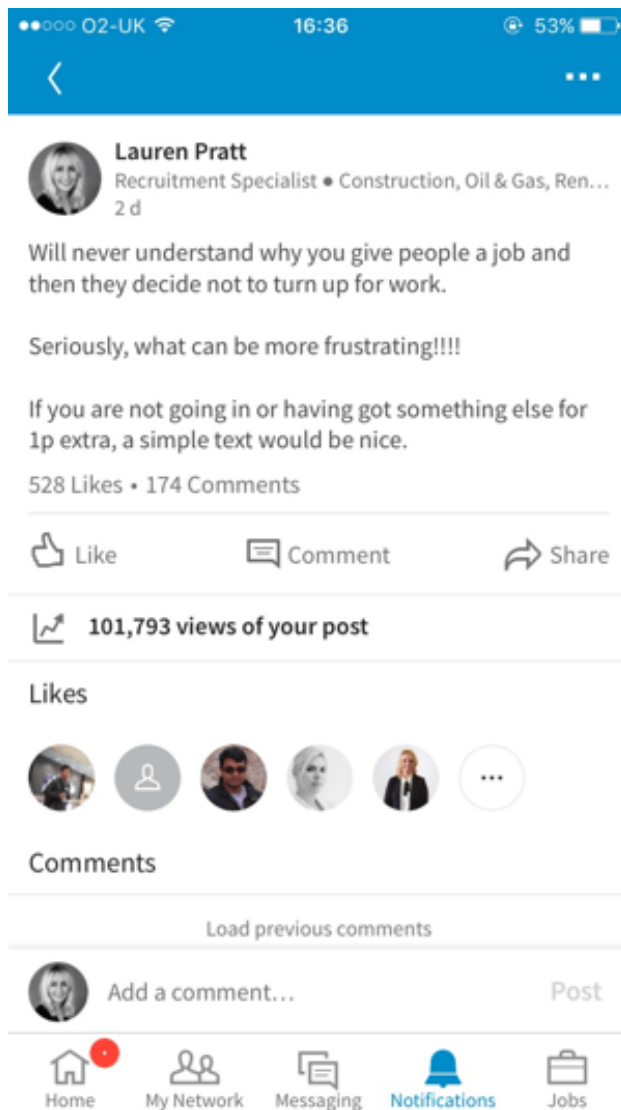
This is easy to master all the functionality in a short period of time as it is easy to navigate from screen to screen

## Functionality

A application that allows you to contact people for free using the same application as a alternative to SMS

## LinkedIn – Mobile Version

### Layout



### What was the application designed for?

From my usage of the application, it is designed to allow you to display information about yourself in a business environment to allow you to get a job through this platform. It is similar to social media platforms except it is a professional formal version. There is a section to connect to other people, message people, home section, notifications and jobseeker section. There are also different ways to display the layout and you can edit your profile if you wish. You have to be careful with your content as a potential employer can come across them and not hire you through LinkedIn as a result. However, the content is in your control.

### What I like about the application

It is another way to link multiple resources to enhance your chance of getting employed by a suitable industry. It is useful as its content can be done from anywhere in the world and does not need the requirement for each person to go out with CVs and hand them to shops. Like the previous app, there is a layout that is visually appealing to me and the immediate sections make sense to me.

### What I don't like about the application

There is so much to do with the site that it would take a while before you would master what needs to be done inside the platform of LinkedIn. And if you do not put the effort in enhancing the profile, someone else may come up with a better one than you and get picked over you. Also, if you don't go looking, you cannot take advantage of some of the extensive features offered by the website.

### Colour scheme

It is visually appealing and matches the company brand in its dominant colour.

### Navigation from screen to screen

The immediately noticeable features are easy to navigate to. Once you want to uncover some of the more extensive features, the navigation becomes intermediate.

### Functionality

Every feature discovered is expected from the social media platform. The formal matter is the way people expect it to operate, so not every feature is taken advantage of.

What my application is going to be like.

## Screen Design

Company Ltd			
Search	Cancel	View Bought Items	
Item 1			
Item 1			
Item 1			
Item 1			
Item 1			
Item 1			
Item 1			
Year			

Modify account or log out dropdown list that matches section colour when used

Search Bar

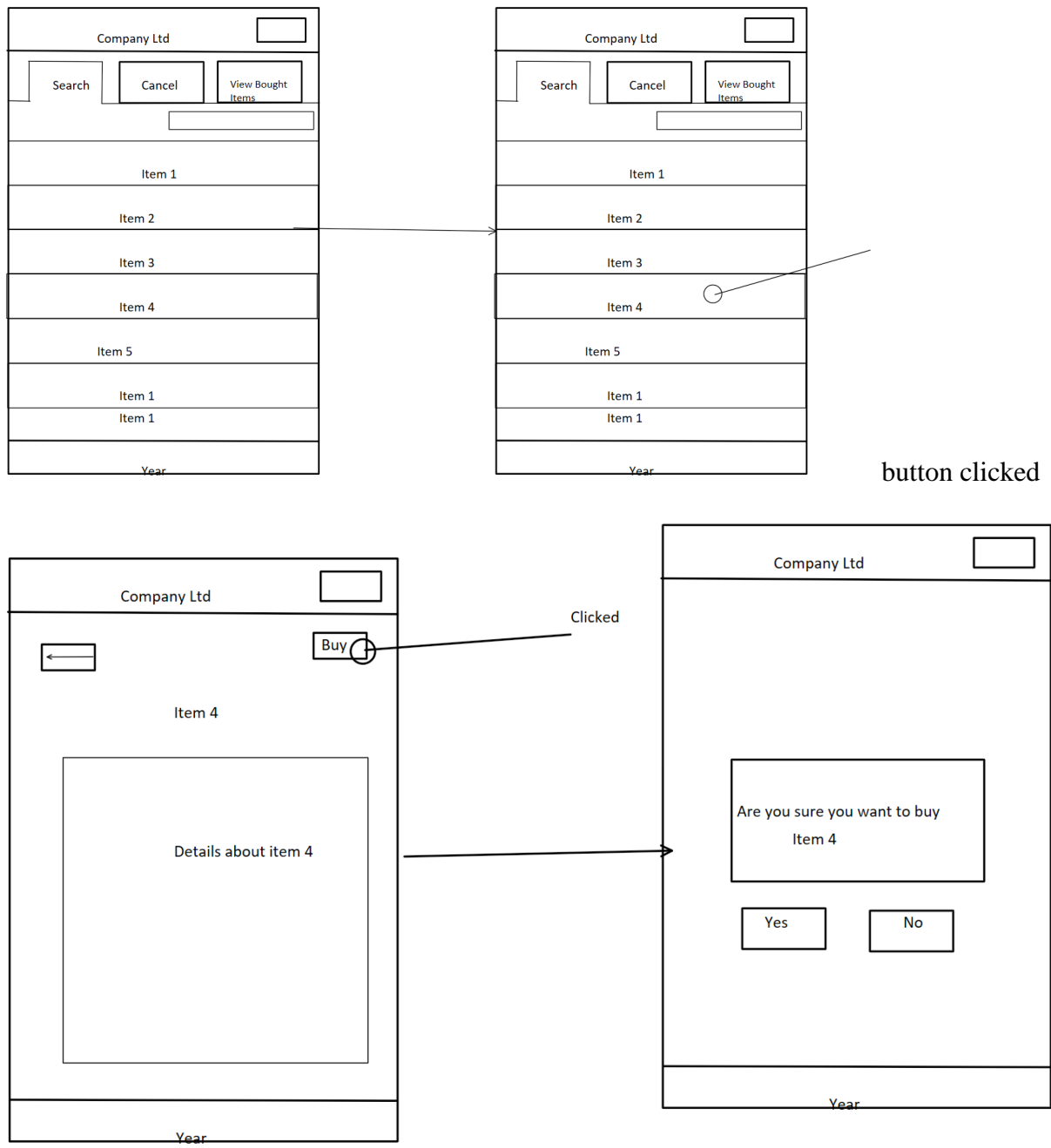
The header and section have the same colour

The dropdown will have a similar colour but different to ensure the user knows what it is

In inactive buttons will have the same colour as the dropdown list

The active button and the section will have a contrasting colour from the header  
That suits the layout

Screen Flows



Company Ltd

Search

Cancel

View Bought Items

Item 1

Item 2

Item 3

Item 4

Item 5

Item 1

Item 1

Year

Company Ltd

Search

Cancel

View Bought Items

Item 1

Item 2

Item 3

Item 4

Item 5

Item 1

Item 1

Year

Company Ltd

Search

Cancel

View Bought Items

Asff

Item 1

Item 2

Item 3

Item 4

Year

Company Ltd

Search

Cancel

Account Details

logout

Item 1

Item 2

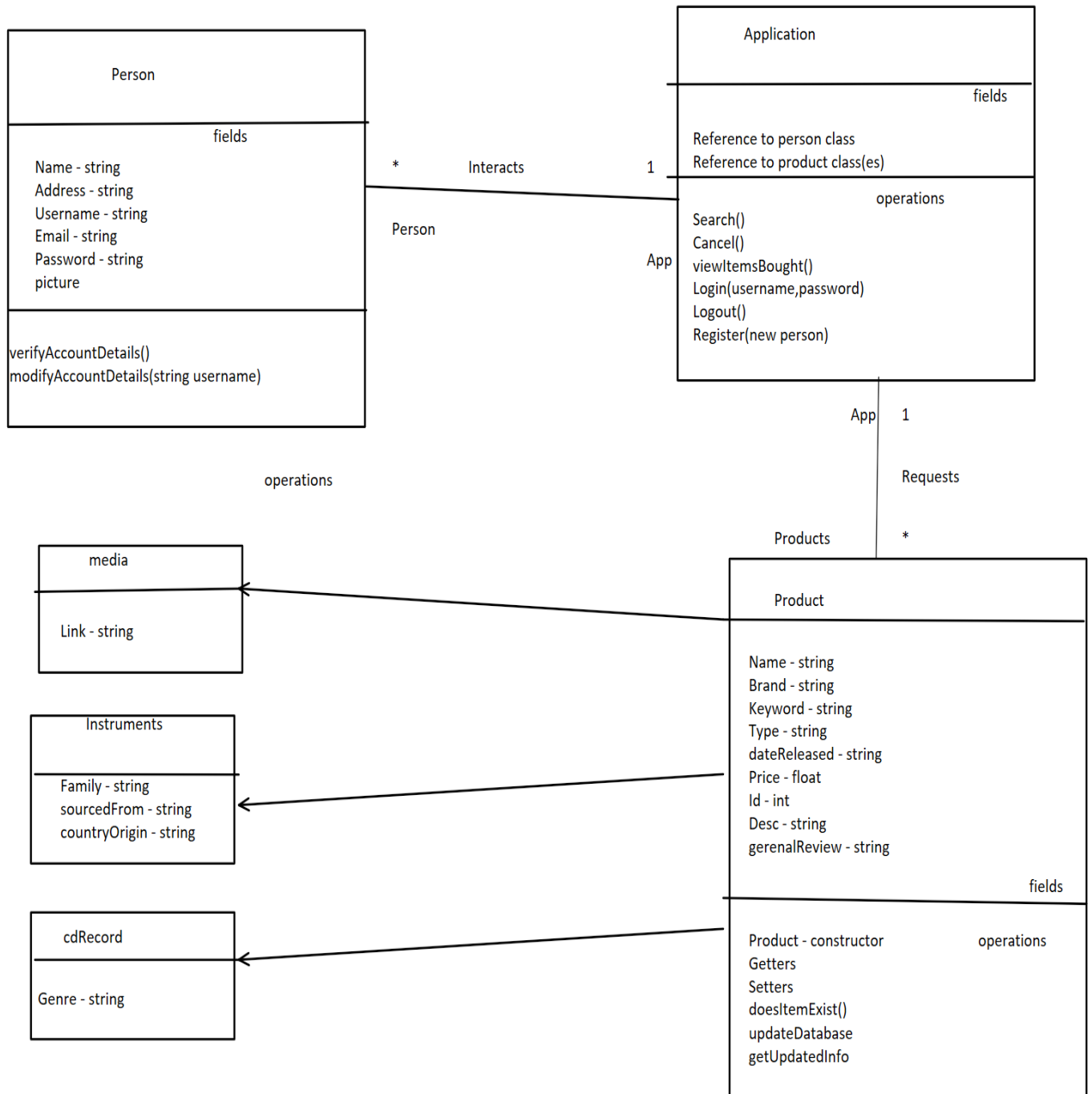
Item 3

Item 4

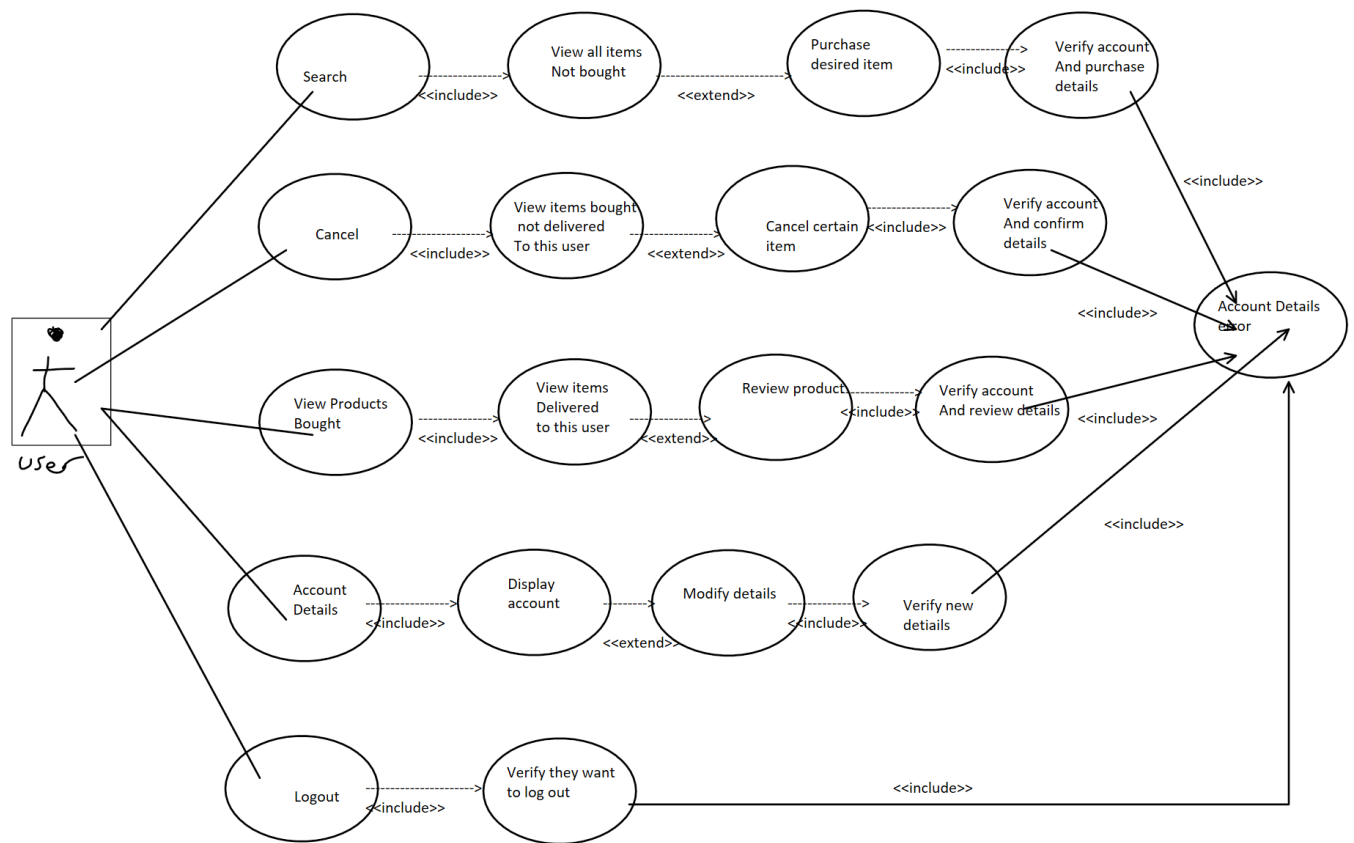
Year



## UML class diagram



## Use-case Diagram



## Database design

