

SalesApp Documentation

OTSO CASE CODECAMP

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SALESAPP DOCUMENTATION

WHAT IS SALESAPP

It's basically an application that aids customers to secure insurance in the easiest way possible in a very few steps. It provides the customers with an option of choosing among the available types of insurance: Home, health, vehicle, infant, pet and life insurance. In addition the app helps the customers to estimate the insurance prices specifically the home insurance based on given parameters such as size/area and location of the house, and the type of the house as well ranging from own house, apartment, pair or even row house. The app is based to run on mobile devices precisely windows tablet so as to achieve mobility for not only the customers but also the customers but also the sales representatives.

GROUP MEMBERS

The group comprises of three members namely

- Mansoureh Rousta
- Ibrahim Olanigan
- Francis Matheri

Each of the member plays distinct roles in the coming up of the app ranging from designing of the app all the way to its implementation together with the backend execution.

DRIVING FORCE

The main motivation in the development of this app is to achieve delivery of insurance services to the clients in a mobility and user-friendly way possible. The ability to use technology such as Xaml is kind of motivating too. The use of the app will also help in the monitoring the customer's trend and their interests as well which in future can be used to offer customized insurance services to clients based on their needs and interest too.

FEATURES

The SalesApp consist of several features which together achieve the delivery of the service to the users. The highly prioritized feature is the main graphical User Interface which captures the functionality of other three sub features namely home insurance with the highest priority, collect sales lead, with medium

priority and finally the customer loyalty program with the least priority which is applicable to the already existing customers who are willing to join the loyalty program.

The app also contains the web service connectivity feature that provides a connection between the Graphical User interface and the back end execution.

In addition the app consists of the interactive graphical user interface which is under the main graphical user interface.

In a very specific level, the above mentioned features are broken down into the following facets:

Main GUI

- There is Home insurance calculator which helps user to approximate insurance prices based on the information they input.
- Contact me feature which allows the sales representative to communicate with the clients who needs immediate attention.
- The bonus feature or the loyalty program which rewards the already existing customers who are willing to benefit from the same.
- The contact us feature that provides contact details about the insurance company.

DESIGN

The general design of the application is depicted in the diagram below:



Fig 1. SalesApp design

SCREENSHOTS

Main GUI

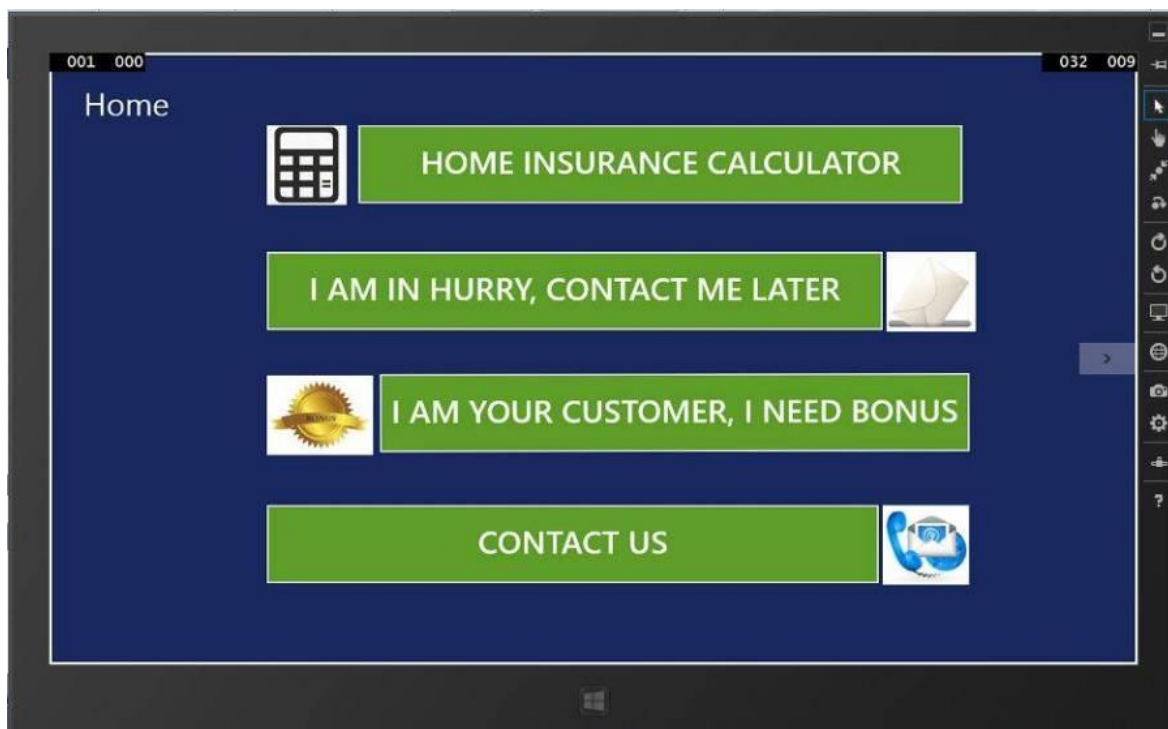


Fig 2. Main GUI

Home Insurance Calculator

The screenshot shows the 'Calculator' interface. On the left, there is a form with several input fields: 'Home Type' (a dropdown menu), 'Postal Code', 'Address', 'Area', 'Build Year', 'Insurance Start Date' (with sub-fields for 'May', '28', and '2015'), 'Billing Period' (a dropdown menu), and 'Currency' (a dropdown menu). A green 'Calculate' button is positioned to the right of these fields. A large blue arrow points from the 'Calculate' button to the results section on the right. The results section, titled 'Your Result:', displays '1200 \$'. Below this, there are three green buttons: 'Make an orde', 'Contact Me', and 'Save'. At the bottom of the form, there is a 'Home' button. The right side of the interface includes a vertical toolbar with navigation icons. The top status bar shows '005 000' on the left and '032 011' on the right.

Fig 3. Calculator GUI

003 000

032 006

Contact Me

I want...

Your Name

Email Address

Phone Number

Contact Language

SEND

Home

Contact
me

Fig 4. Contact GUI

Bonus

007 000

032 007

Bonus

Cutomer No.

Your Name

Phone Number

SEND REQUEST

Home

Fig 5. Bonus GUI

TECHNOLOGIES USED

- Visual Studio 2013(Visual studio online)
- C#,JSON.NET and XAML
- Marvelapp
- Mahapps.Metro

CHALLENGES

This project was the first significant exposure of all the team members to building Windows 8.1 apps with C# and XAML . However, the project was initiated as a WPF application because the team was working from their own machines which was running Windows 7 and could not run nor develop Windows 8.1 applications. In addition, Mahapps (a third-party UI toolkit for WPF) was integrated into the project and used to design the UI of the application. At the middle of the code camp, the team realised the error and made efforts to make amends by starting a new project for Windows 8.1 application.

The team also encountered various problems while trying to design the UI for Windows 8.1 app. It was discovered that there were differences in the XAML markup for WPF and Windows 8.1 Universal apps, and most samples and tutorials online were for WPF.

Nonetheless, the team learnt an important lesson in software development as we realised that most of the problems encountered could have been avoided if we have used the official samples and tutorials available on Windows Virtual Academy.

FUTURE CONSIDERATIONS

With successful implementation of the application, the application can include additional features in the future, such as the online payment system which permits the clients to transact online especially when ordering for the insurance policies. Different languages can also be included in the app to cater for different language speakers across the globe.