

# Picture Box Developer Guide

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## Introduction

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In order to get all the application code so you can start developing for this application, you will need to clone the application code from

<https://github.com/MaximilianMihoc/dt2283cloud-CA2> using -> git clone  
<https://github.com/MaximilianMihoc/dt2283cloud-CA2.git>

After the repository was cloned, make sure the current branch is develop branch, this is the branch that will contain all the code. If for some reason the current branch is another one, the checkout and pull commands should be used.

```
git checkout develop
```

```
git pull
```

After this is done, the complete code should be in a new folder called dt2283cloud-CA2 and inside that can be found a Documentation folder and the Picture box Folder.

## Import to Eclipse

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After the repository was successfully cloned and the current branch is develop, the importing to eclipse can start.

The google plugin needs to be installed on eclipse and a JDK java version needs to be used in order to run the project with no errors.

Import project by clicking File > Import, from there choose to import a General Project, Existing Projects Into Workspace and import the project that was just downloaded from GitHub. After this steps, the code should be available to you in eclipse.

## Using GitHub

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In GitHub, the repository where this project can be found is dt2283cloud-CA2. In this repository the main branch is the develop branch. This branch should always have working code and no changes should be made directly in this branch.

When a new piece of functionality is added to the application, a new branch should be created from the develop branch, make the changes in the new branch created and when the piece of functionality is working and passing all the tests, the branch can be merged back to develop branch. The new created branch can now be deleted.

Naming branches -> When a new branch was created from the develop branch, this should have develop in name of the branch included. For example if you want to add a branch that will improve registration form and the branch is created from develop branch, the name of the branch should be <develop-improveRegistration>. This naming convention is useful so when you will have many branches and you will want to merge one into another, it will be easy to know which branch have to be

merged and where this have to be merged because the name of the branch will give that information.

## Testing

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Testing should be made every time when a new piece of functionality is added to the application.

Before merging a branch into the main branch, make sure that you tested the functionality both local and on google app engine.

Test the application for all types of users and make sure everything is working as is supposed to work.

## User Guides

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If a new functionality for a user is added into the application, in order for a user to be aware of that, this should be specified in the user guides of the application.