# Objectives for the Design

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| --- | --- | --- |
| **PURPSOSE OF THE SOFTWARE** |  | **WHO WILL USE THE SOFTWARE** |
| This program is for a customisable flyer creator as a means to replace business cards. The user will be able to:   * Create an online flyer. * Edit an existing flyer. * View existing flyers on a windows mobile device. * Manage existing flyers. |  | There will be a wide range of users with different skill levels however the main users will be professionals who use business cards on a regular basis. |
|  |  |
|  | **WHAT WILL BE THE OUTPUTS FROM THE SOFTWARE?** |
|  | A custom flyer for a user to send to a client. |

# Navigation

# MAIN

**Register**

**Exit**

**Login**

**Create New Flyer**

**Edit Flyer**

# FORM OVERVIEW for: Login

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is for the user to login to the program meaning that only they can manage and edit their flyers. |  | User click on btnlogin will check the username and password in the database and login if they both match.  1. **User click on btnregister will open frmRegister** |
|  |  |
| **OTHER NOTES** |  |
|  |  |

# FORM LAYOUT for: login

## All text will be…

## Calibri and font colour black



# FORM LABELLING for: Login



txtUsername

Data entry for the username

txtPassword

Data entry for the password

Btnlogin

When clicked checks the Database for the login details

BtnRegister

When clicked takes the user to the register page where they can input their details

# ALGORITHMS for: Login

|  |  |  |
| --- | --- | --- |
| Event: onClick of btnLogin  procedure TfrmLogin.btnLoginClick(Sender: TObject);  var strSQL: string;  begin  //generate SQL  strSQL:='SELECT username, password FROM useradmin WHERE username=';  strSQL:= strSQL+chr(39)+txtUsername.Text+chr(39);  //clear any residual SQL  if sqlUsers.Active THEN  sqlUsers.close;  //set the SQL text  sqlUsers.SQL.Text:= strSQL;  //execute the SQL  sqlUsers.Open;  //check if a record has been found  if sqlUsers.recordcount = 0 then  showmessage('please try again')  else  begin  if txtPassword.text=sqlUsers.fieldbyname('password').AsString then  begin  frmOrders.show;  frmLogin.hide;  end  else  showmessage('please try again');  end;  end; |  | Event: onClick of btnRegister  Begin  Hide frmLogin  Open frmRegister  end |

# FORM OVERVIEW for: Register

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is for a first time user to create and register a new account so that they can login to the program and do what they will within the program. |  | 1. User click on btnRegister will add the details entered to the database and create an account for them. |
|  |  |
| **OTHER NOTES** |  |
|  |  |

# FORM LAYOUT for: Register

## All text will be…

## Calibri and font colour black



# FORM LABELLING for: Register

Edit boxes for the input of the user’s details when registering a new account



btnRegister

Checks that the username doesn’t match any in the database and if there isn’t creates the account and adds it to the database

# ALGORITHMS for Register

|  |  |  |
| --- | --- | --- |
| Event: onClick of BtnRegisterSubmit  Connect to database  Sql 🡨 ‘Insert ‘username’, ‘password’, ‘forename’, ‘surname’, ‘email’, ‘address’, ‘businessname’’ into User  Run sql  Close frmRegister  Open frmLogin  end |  |  |

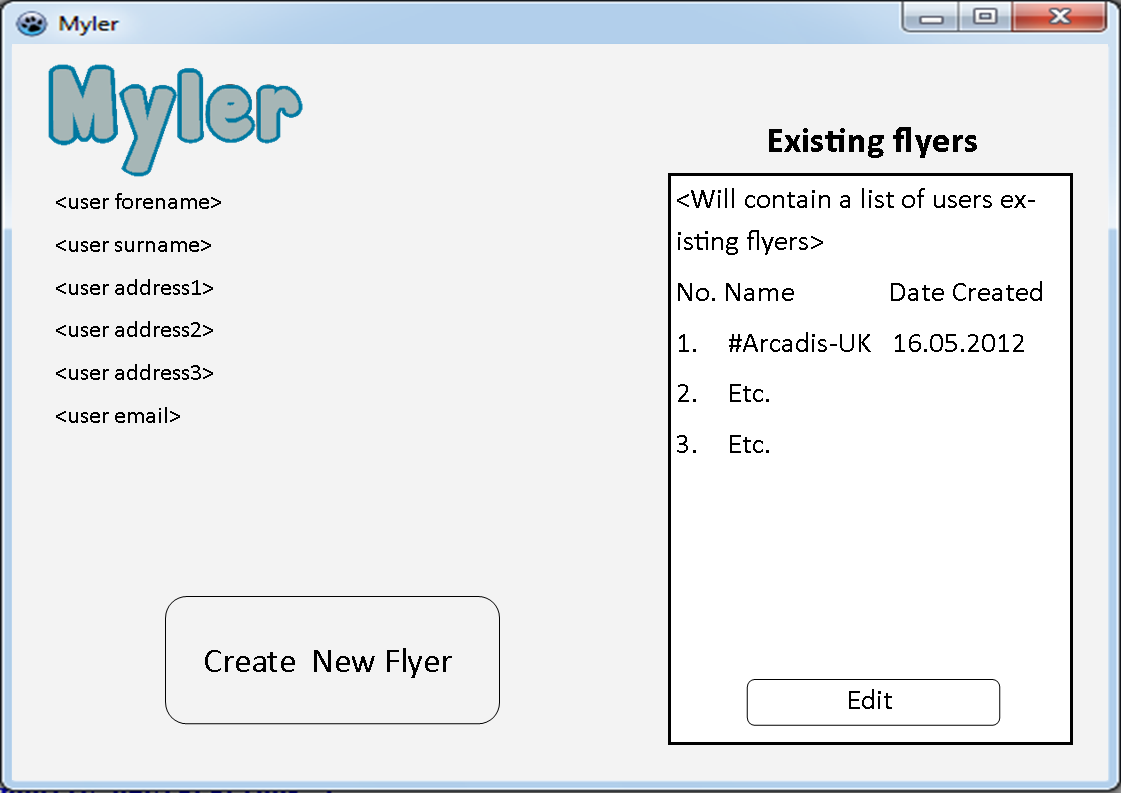
# FORM OVERVIEW for: Main

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is as the main form of the program allowing the user to navigate through the program. It also shows all existing flyers that the user has created and their details. |  | User click on btnCreateFlyer will take the user to the flyer creation page.User click on btnEditFlyer will take the user to the flyer creation flyer but with the existing flyer selected. |
|  |  |
| **OTHER NOTES** |  |
|  |  |

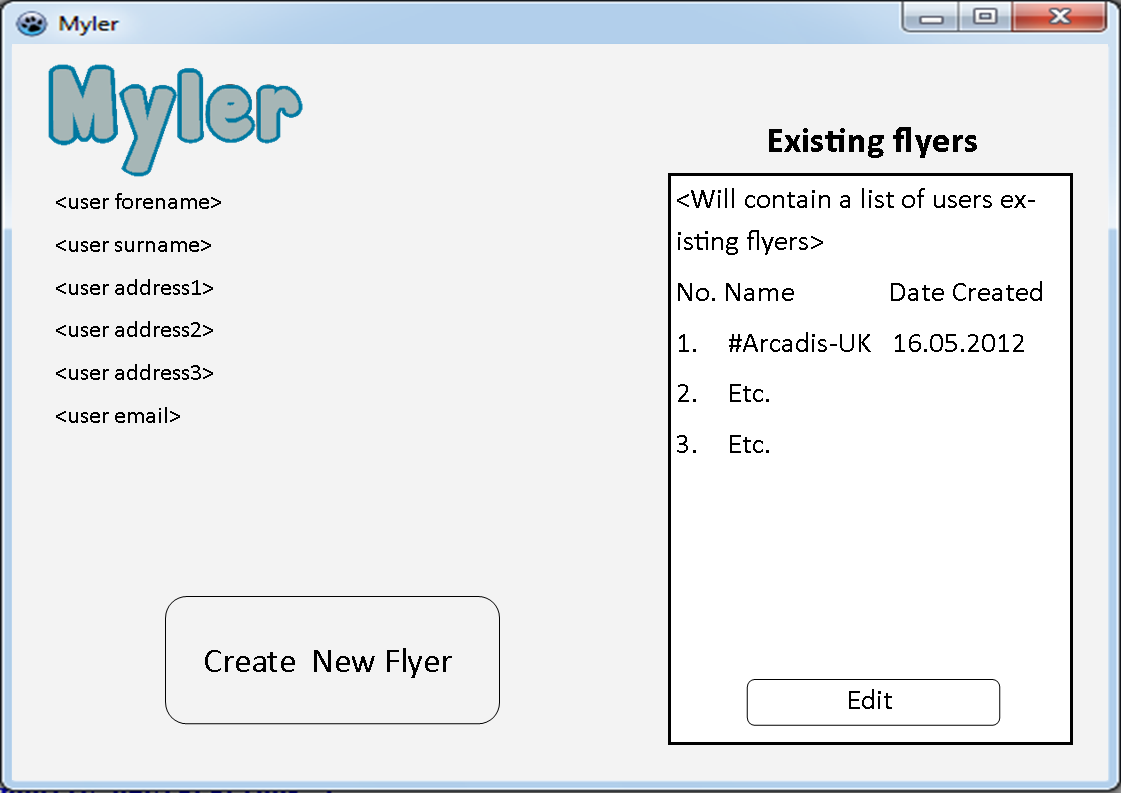
# FORM LAYOUT for : Main

## All text will be…

## Calibri and font colour black



# FORM LABELLING for: Main



btnEdit

This will bring up the existing flyer that has been selected from the table and allow editing

tblFlyers

This will show all the users existing flyers allowing them to select a flyer and then edit it.

btnCreateFlyer

This moves to the creation form where you can create a flyer

Shows the users information as shown

# ALGORITHMS for Main

|  |  |  |
| --- | --- | --- |
| Event: onClick of btnNewFlyer  Begin  Hide frmMain  Open frmCreateflyer  Load a blank flyer  end  Event: onClick of BtnEdit  Begin  Hide frmMain  Open frmCreateFlyer  Load selected Flyer  end |  |  |

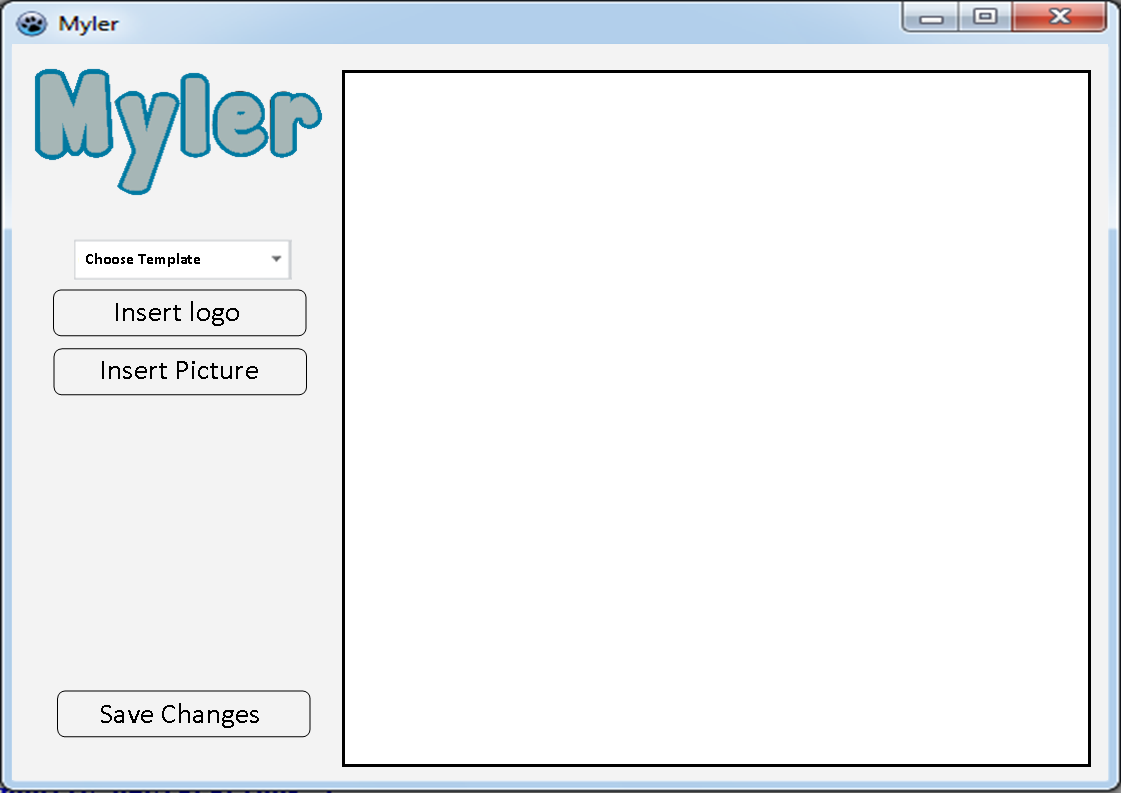
# FORM OVERVIEW for: CreateFlyer

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is for when the user wants to create a new flyer of edit an existing one. |  | User click on btnSave will save the created flyer to the database and go back to the main page.  1. **User click on btnLogo will insert a selected logo into the allocated position on the flyer** 2. **User click on btnPicture will insert a selected picture into the allocated position on the flyer** 3. **User click on lstTemplate will load the selected template as the main base of the flyer.** |
|  |  |
| **OTHER NOTES** |  |
|  |  |

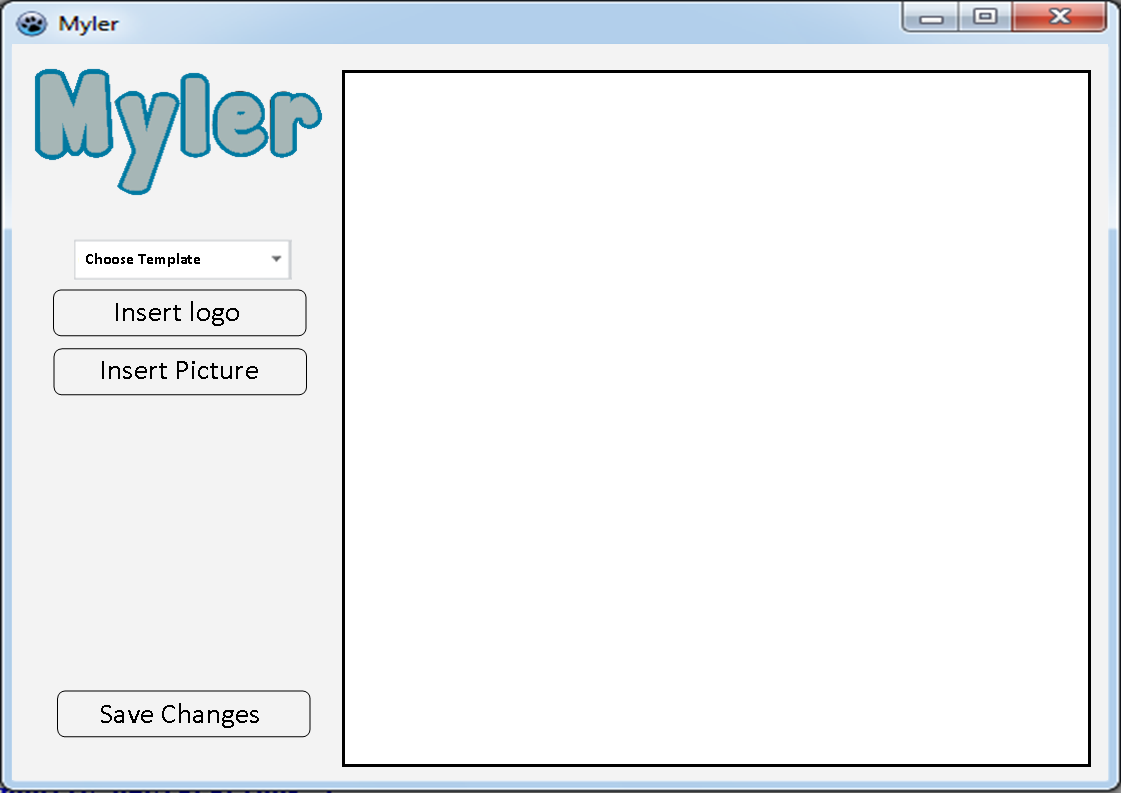
# FORM LAYOUT for: CreateFlyer

## All text will be…

## Calibri and font colour black



# FORM LABELLING for: CreateFlyer



lstTemplate

This is a drop down list allowing the user to select from multiple templates.

btnLogo

This is the button to load a logo onto the flyer in a pre-determined place in the template.

btnpicture

This is the button to load an image onto the flyer in a pre-determined place in the template.

btnSave

This is the button which saves the flyer to the database.

This is where the template for the flyer will be shown and updated as information is put in.

**Unique ID**

txtID

this is where the unique id code for the flyer will be entered before it is saved

# ALGORITHMS for CreateFlyer

|  |  |  |
| --- | --- | --- |
| Event: onClick of btnLogo  Begin  Open filesystem  Load selected file(logo)  Insert file in template position  End  Event: onClick of btnPicture  Begin  Open filesystem  Load selected file(picture)  Insert file in template position  End  Event: onClick of lstTemplate  Begin  Drop down list options  Load selected template into the flyer  End  Event: onClick of btnSave  Begin  Save flyer data and ID to users account  Close frmCreateFlyer  Open frmMain  End |  |  |

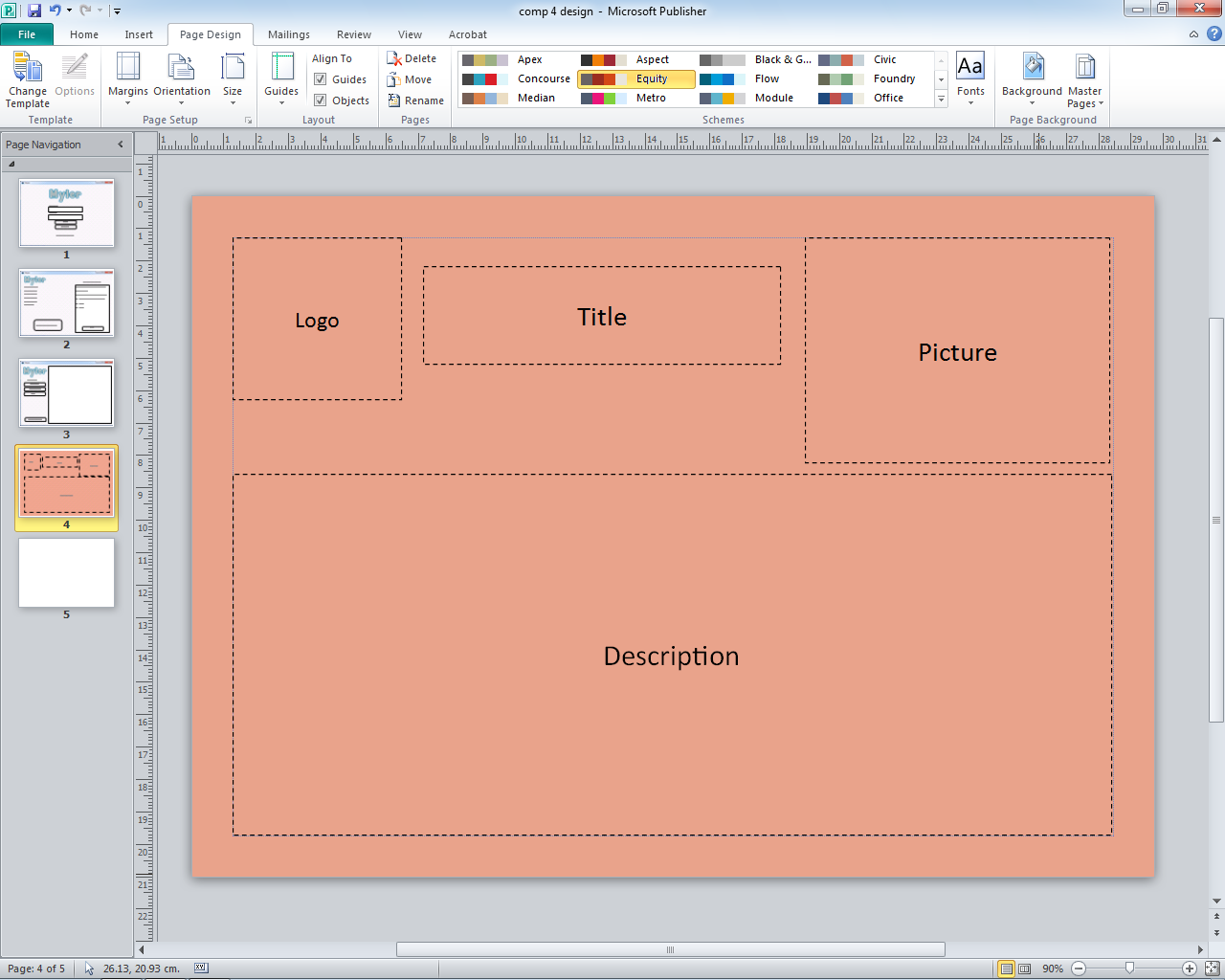
# FORM OVERVIEW for: Template1

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is as a template for the users’ flyer and they can select from the 4 templates given. |  |  |
|  |  |
| **OTHER NOTES** |  |
|  |  |

# FORM LAYOUT for: Template1

## All text will be…

## Calibri and font colour black



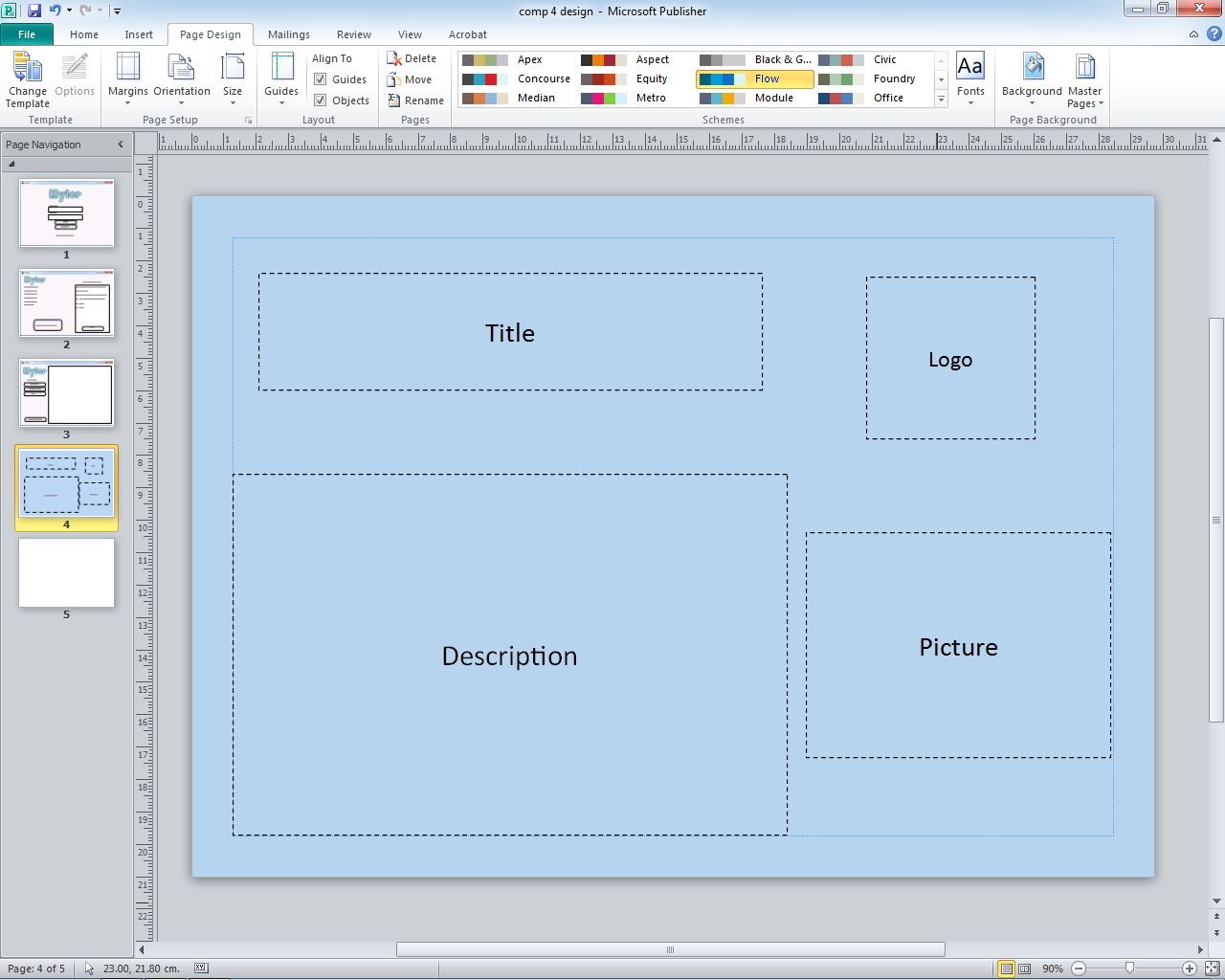
# FORM OVERVIEW for: Template2

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is as a template for the users’ flyer and they can select from the 4 templates given. |  |  |
|  |  |
| **OTHER NOTES** |  |
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# FORM LAYOUT for: Template2

## All text will be…

## Calibri and font colour black



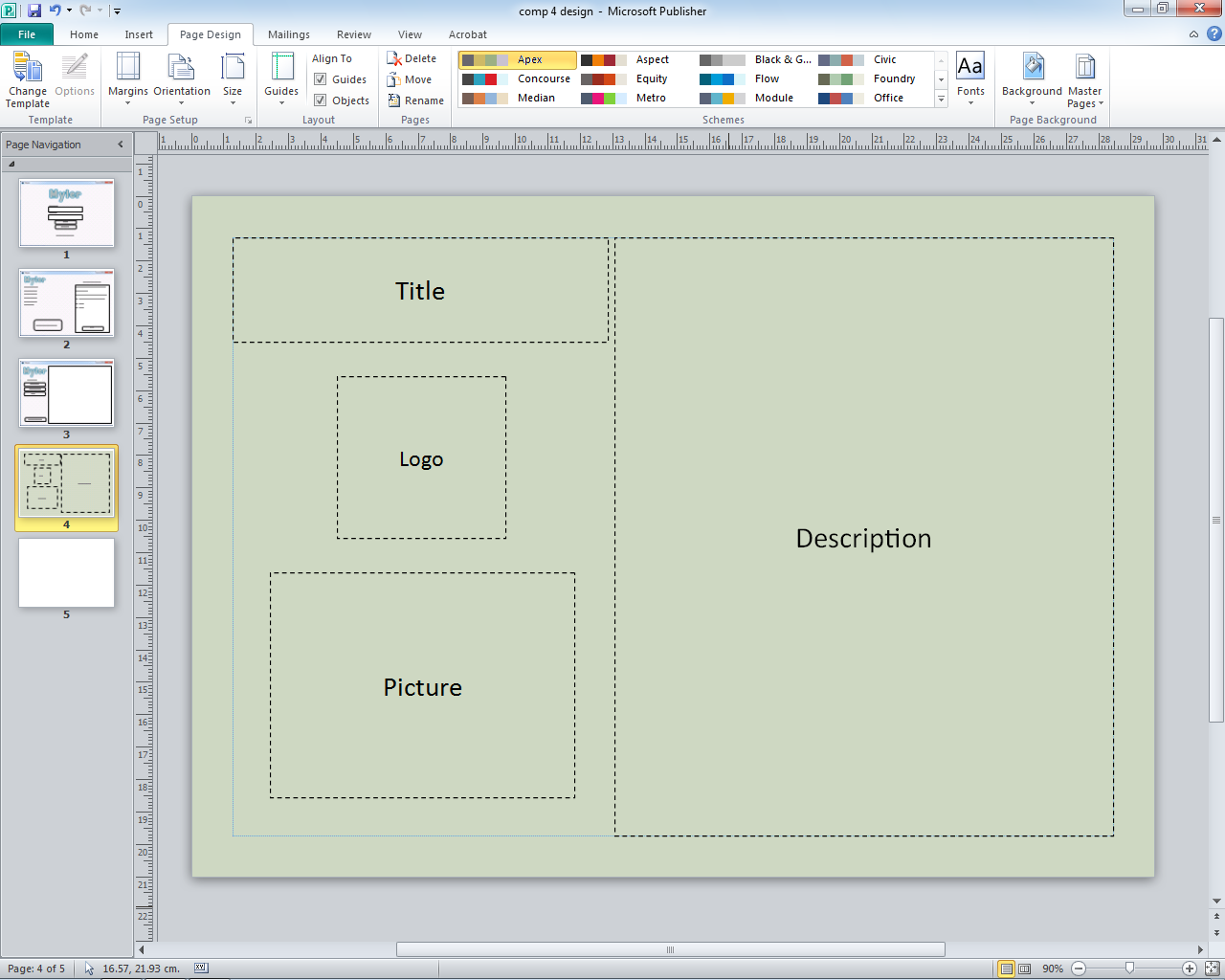
# FORM OVERVIEW for: Template3

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is as a template for the users’ flyer and they can select from the 4 templates given. |  |  |
|  |  |
| **OTHER NOTES** |  |
|  |  |

# FORM LAYOUT for: Template3

## All text will be…

## Calibri and font colour black



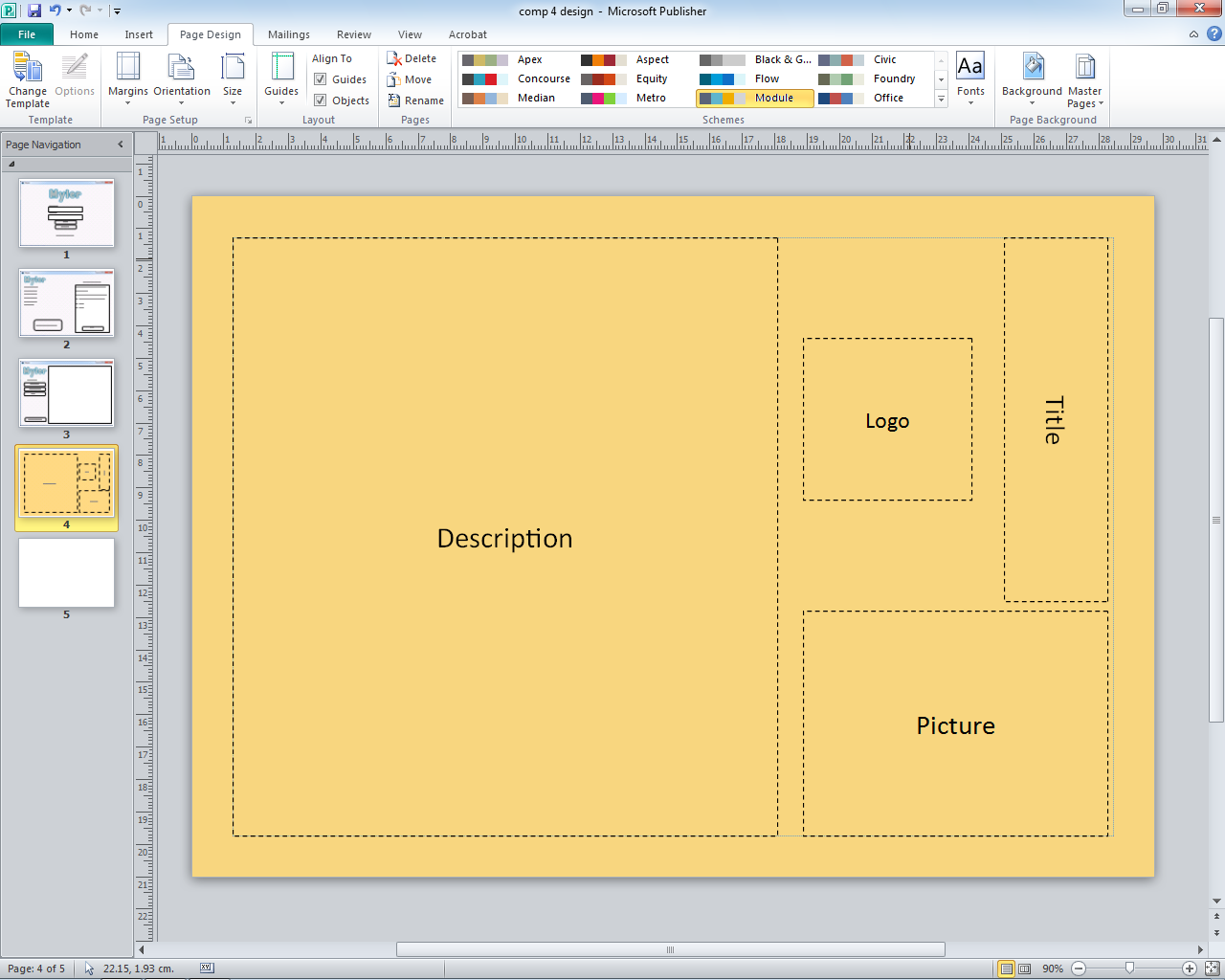
# FORM OVERVIEW for: Template4

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is as a template for the users’ flyer and they can select from the 4 templates given. |  |  |
|  |  |
| **OTHER NOTES** |  |
|  |  |

# FORM LAYOUT for: Template4

## All text will be…

## Calibri and font colour black



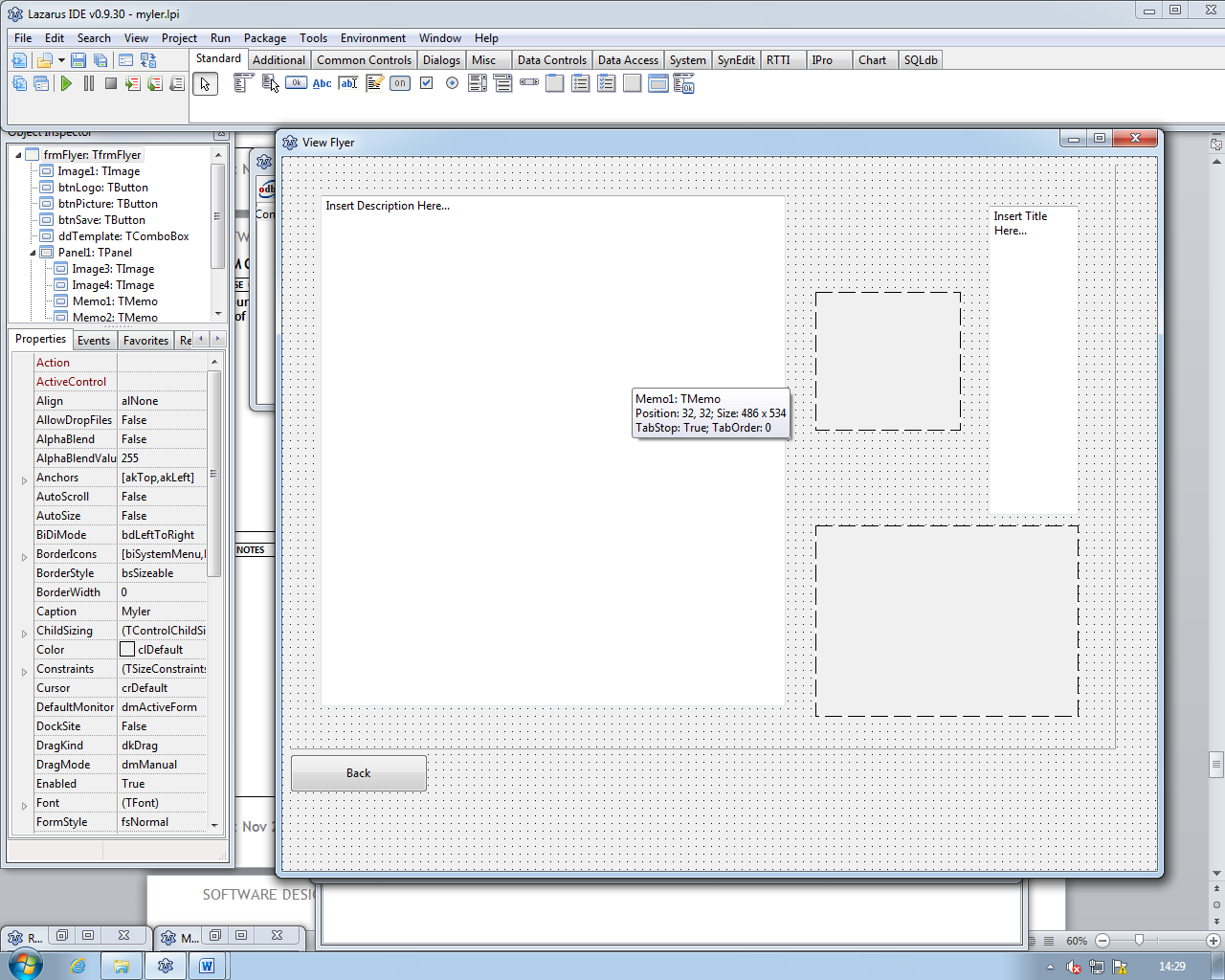
# FORM OVERVIEW for: view flyer

|  |  |  |
| --- | --- | --- |
| **PURPOSE OF THE FORM** |  | **EVENTS ON THE FORM** |
| The purpose of this form is so the user can view existing flyers. |  | User click on btnback will close the form and go back to the main page.  1. **On load the panel will be updated and loaded from the database.** |
|  |  |
| **OTHER NOTES** |  |
|  |  |

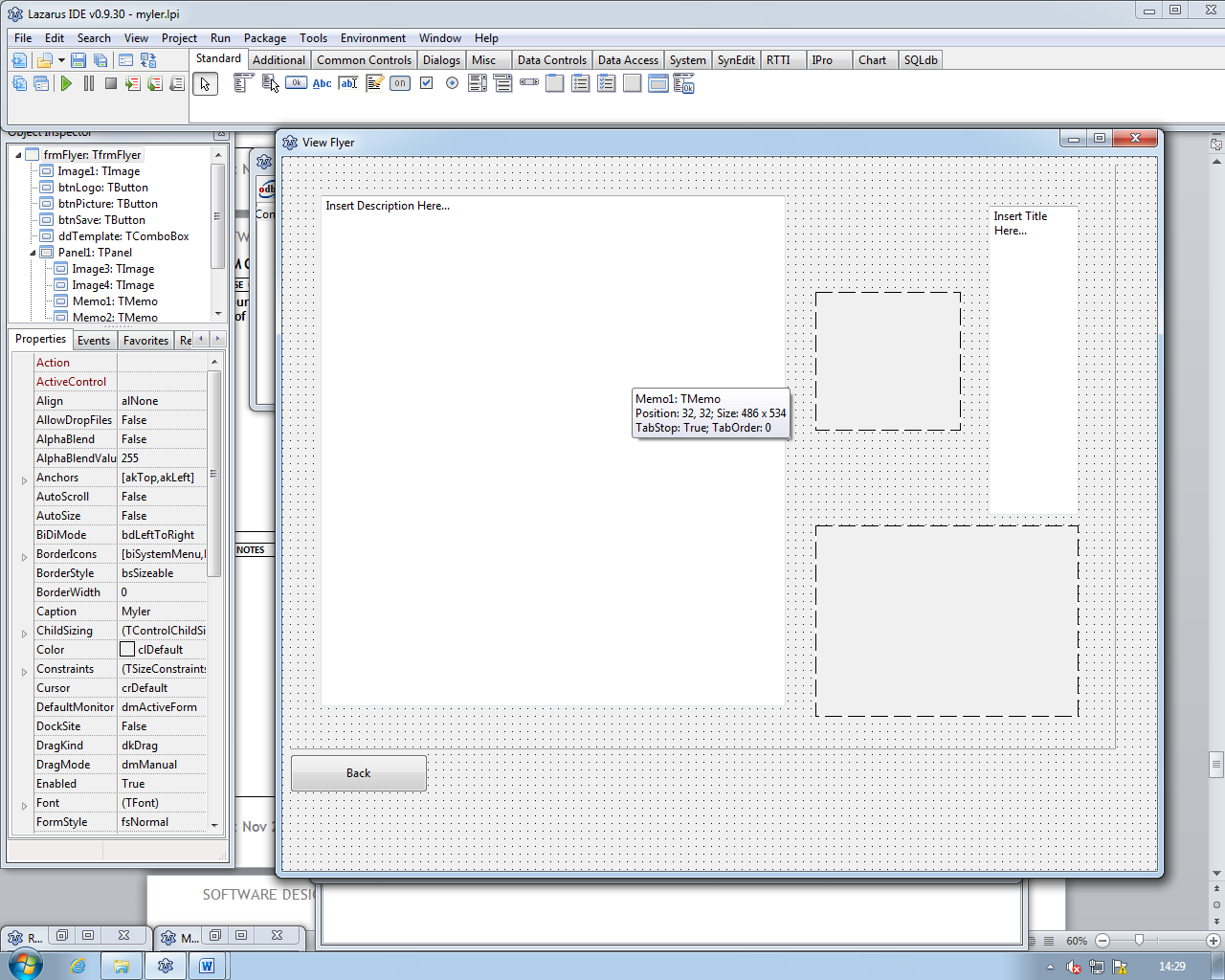
# FORM LAYOUT for: CreateFlyer

## All text will be…

## Calibri and font colour black



# FORM LABELLING for: CreateFlyer



Panel1

This panel will be where the flyer is loaded

btnback

This is the button which goes back to the main page.

# ALGORITHMS for CreateFlyer

|  |  |  |
| --- | --- | --- |
| On click of btnback  Hide self  Open main  End  On load  Set sql statement to take details from database  Reposition objects on panel according to template  Change panel colour according to template  Load pictures  Show form  end |  |  |