

Objectives for the Design

PURPOSE OF 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.

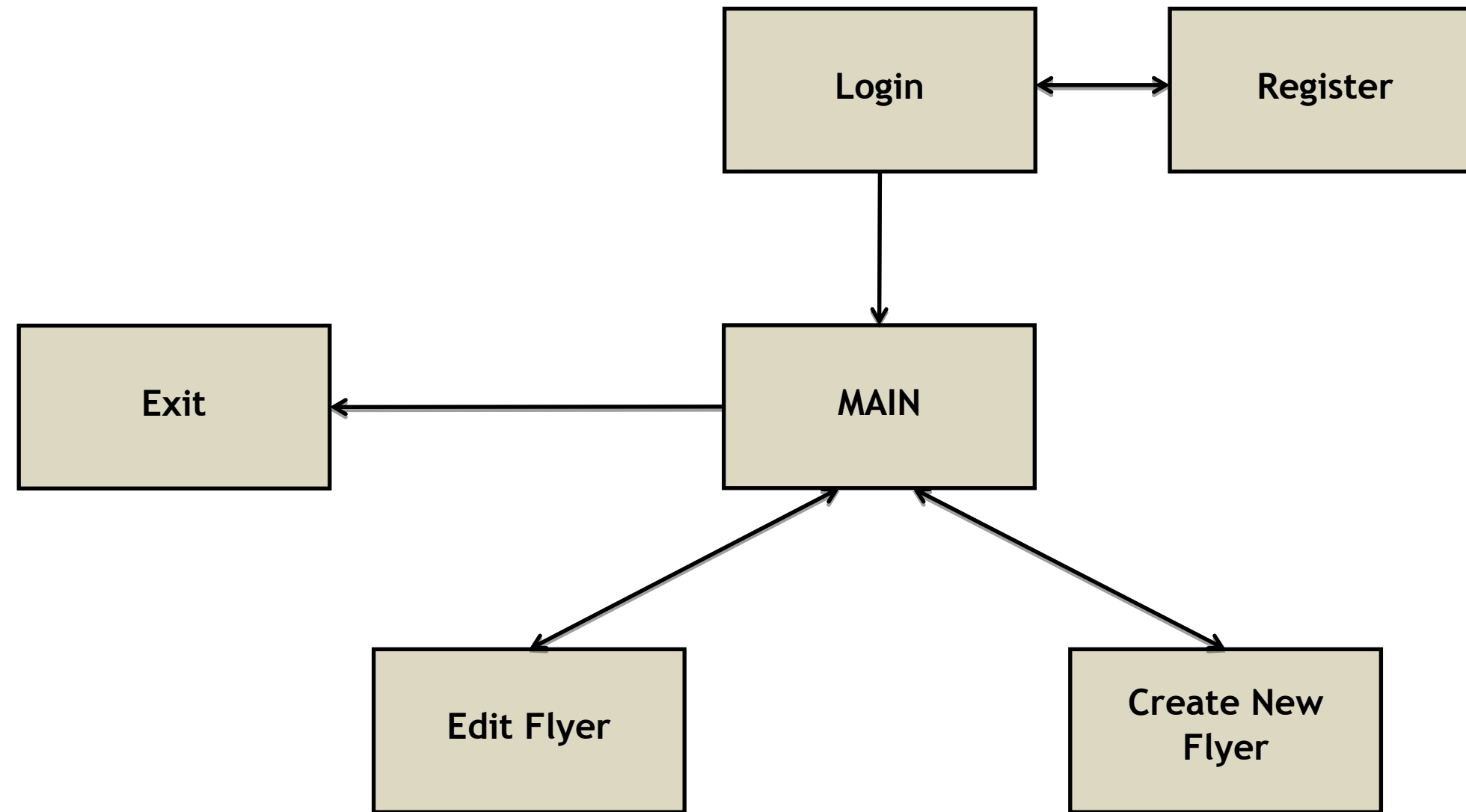
WHO WILL USE THE SOFTWARE

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?

1. A custom flyer for a user to send to a client.

Navigation



FORM OVERVIEW for: Login

PURPOSE OF 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.

OTHER NOTES

EVENTS ON THE FORM

1. User click on btnlogin will check the username and password in the database and login if they both match.
2. User click on btnregister will open frmRegister

FORM LAYOUT for: login



A screenshot of a web application window titled "Myler". The window has a light blue header bar with a paw print icon and the text "Myler". The main content area is light gray. In the center, the word "Myler" is displayed in a large, blue, rounded font. Below the logo, there are two input fields: "Username:" followed by a white text box, and "Password:" followed by a white text box. Below the password field are two buttons: "Login" and "Register", both with rounded corners and a light gray background. At the bottom center, the text "Created by Jack Hoyle" is displayed.

All text will be...
Calibri and font colour black

FORM LABELLING for: Login

Myler

Username:

Password:

Login

Register

Created by Jack Hoyle

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
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.
OTHER NOTES

EVENTS ON THE FORM
1. User click on btnRegister will add the details entered to the database and create an account for them.

FORM LAYOUT for: Register



Myler - Register

Myler

Username:

Password:

Forename:

Surname:

Email:

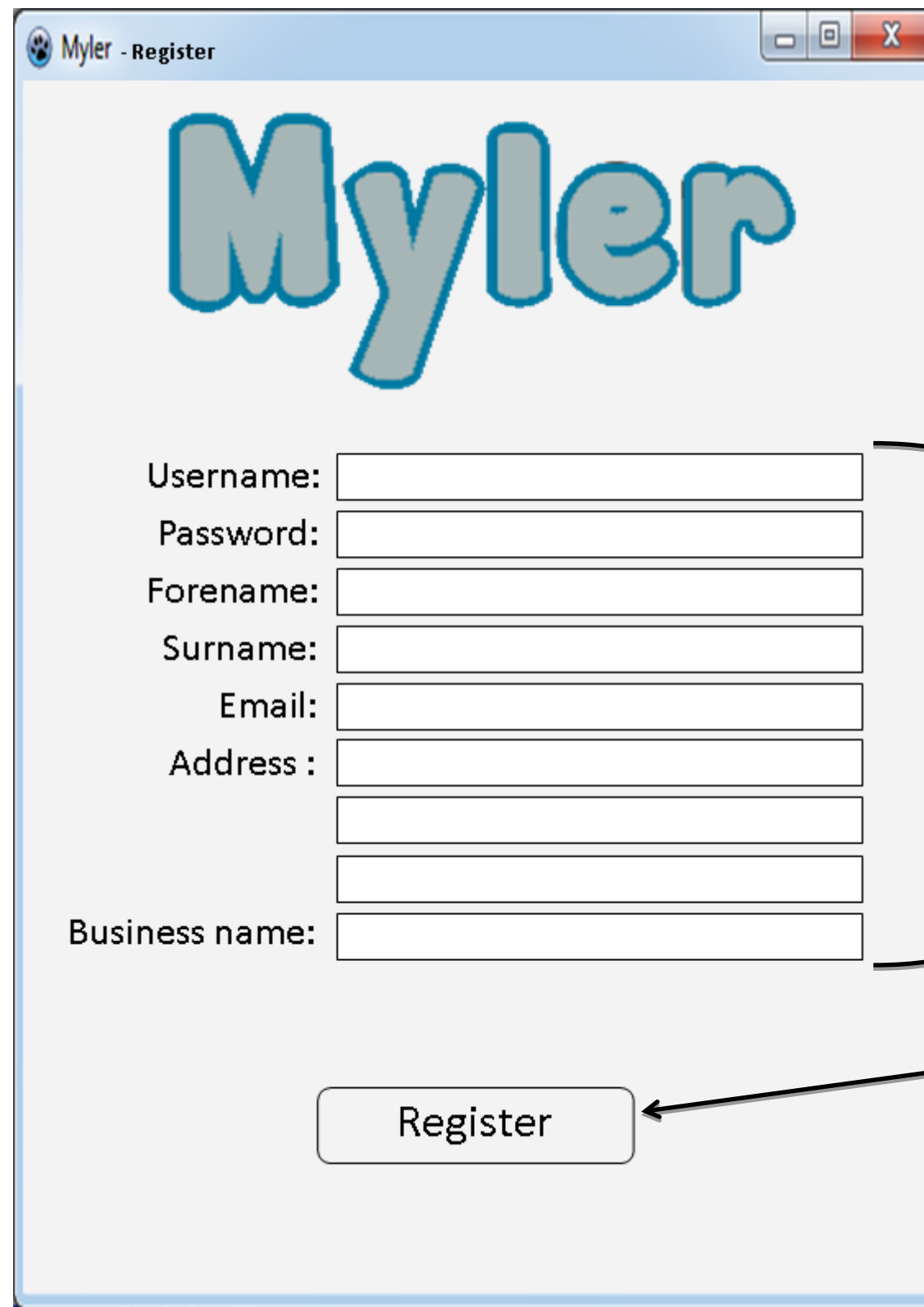
Address :

Business name:

Register

All text will be...
Calibri and font colour black

FORM LABELLING for: Register



The screenshot shows a web browser window titled "Myler - Register". The page features the "Myler" logo in a large, blue, rounded font. Below the logo, there is a registration form with the following fields and labels:

- Username:
- Password:
- Forename:
- Surname:
- Email:
- Address :
- Business name:

At the bottom of the form is a button labeled "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

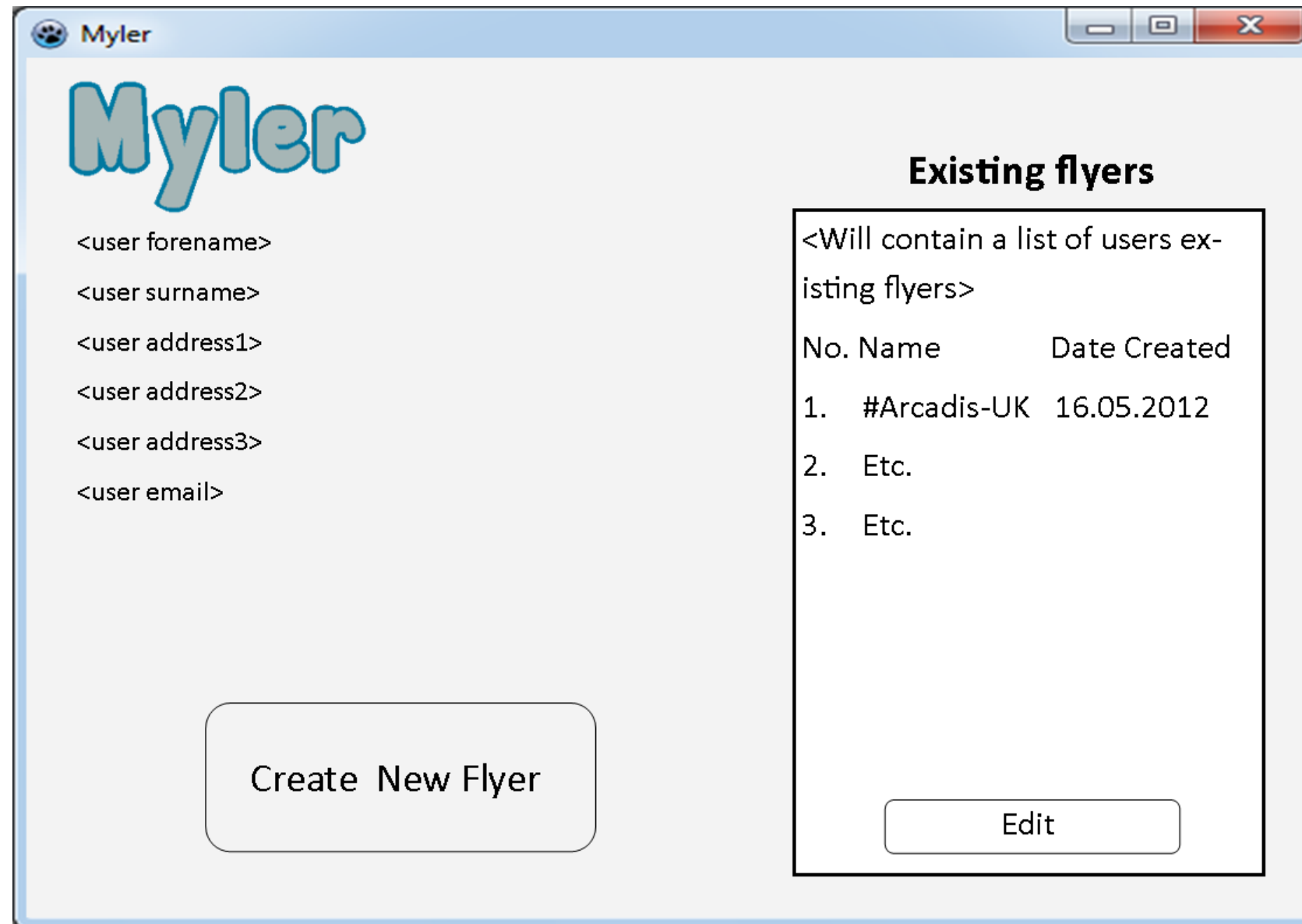
```
Event: onClick of BtnRegisterSubmit
Connect to database
Sql ← 'Insert 'username', 'password', 'forename', 'surname', 'email', 'address',
'businessname' into User
Run sql
Close frmRegister
Open frmLogin
end
```

FORM OVERVIEW for: Main

PURPOSE OF THE FORM
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.
OTHER NOTES

EVENTS ON THE FORM
<ol style="list-style-type: none">1. User click on btnCreateFlyer will take the user to the flyer creation page.2. User click on btnEditFlyer will take the user to the flyer creation flyer but with the existing flyer selected.

FORM LAYOUT for : Main

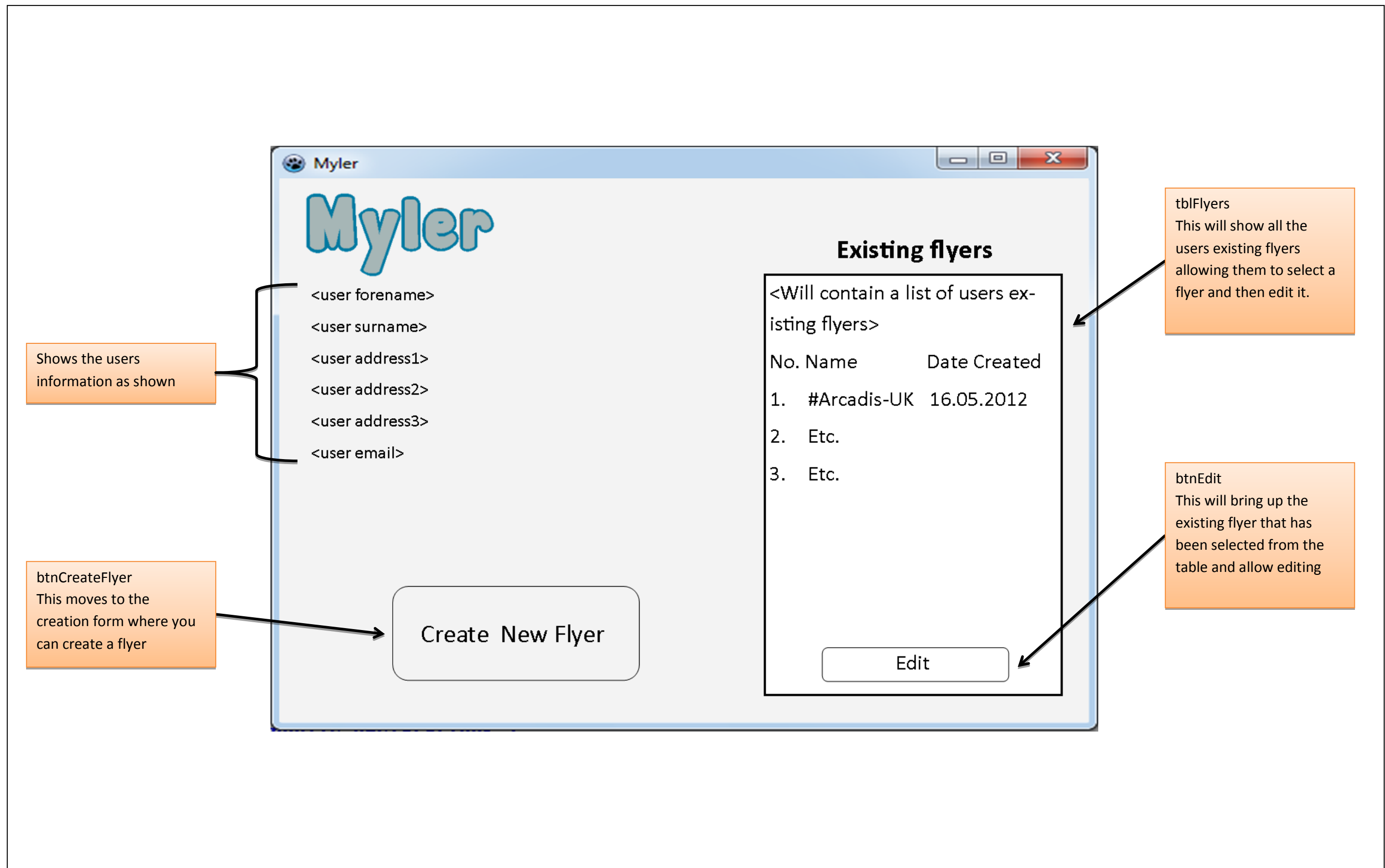


The image shows a mockup of a software application window titled "Myler". The window has a light blue header bar with a paw print icon and the title "Myler". The main content area is light gray and contains the following elements:

- A large, stylized "Myler" logo in blue and white.
- A list of input fields on the left side, each preceded by a placeholder text in angle brackets:
 - <user forename>
 - <user surname>
 - <user address1>
 - <user address2>
 - <user address3>
 - <user email>
- A rounded rectangular button labeled "Create New Flyer" at the bottom left.
- A section titled "Existing flyers" in bold black text, containing:
 - A text box with the placeholder "<Will contain a list of users existing flyers>".
 - A table with two columns: "No." and "Name".
 - A "Date Created" column.
 - A list of three items:
 - 1. #Arcadis-UK 16.05.2012
 - 2. Etc.
 - 3. Etc.
 - A rounded rectangular button labeled "Edit" at the bottom right of the table.

All text will be...
Calibri and font colour black

FORM LABELLING for: Main



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

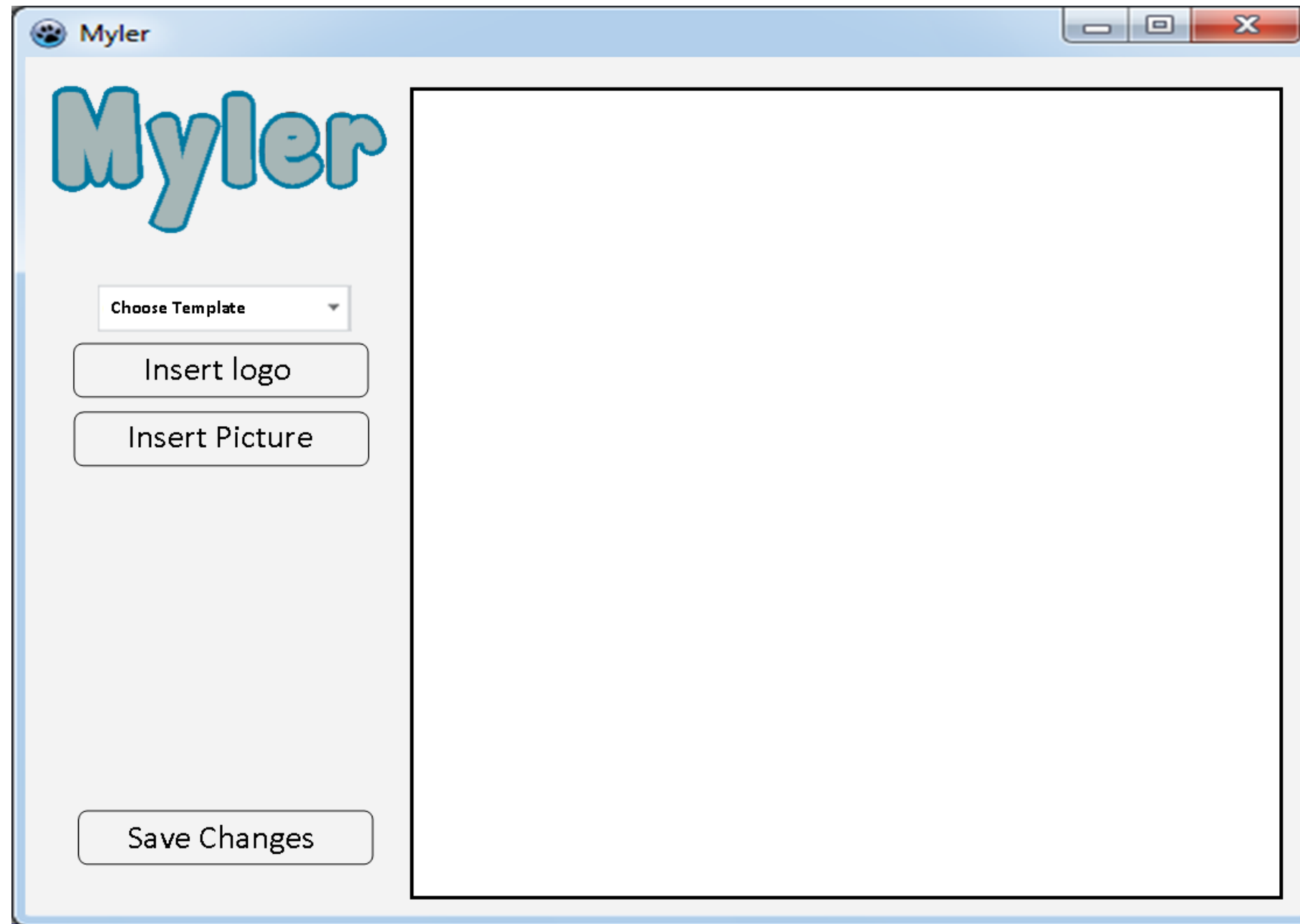
The purpose of this form is for when the user wants to create a new flyer or edit an existing one.

OTHER NOTES

EVENTS ON THE FORM

1. User click on btnSave will save the created flyer to the database and go back to the main page.
2. User click on btnLogo will insert a selected logo into the allocated position on the flyer
3. User click on btnPicture will insert a selected picture into the allocated position on the flyer
4. User click on lstTemplate will load the selected template as the main base of the flyer.

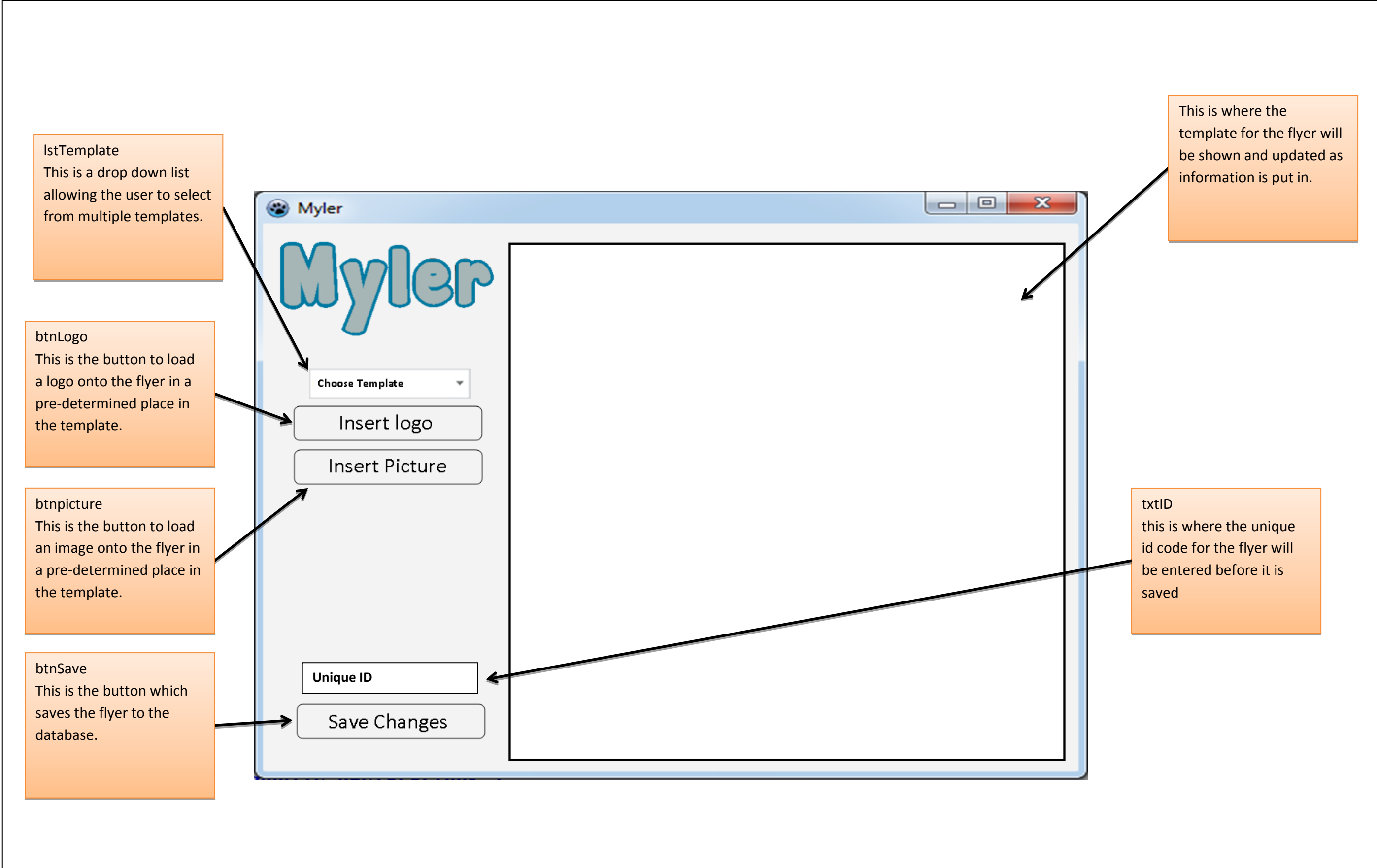
FORM LAYOUT for: CreateFlyer



The screenshot shows a window titled "Myler" with a standard Windows-style title bar (minimize, maximize, close buttons). The window is divided into two main sections. On the left is a sidebar with a light gray background. At the top of the sidebar is the word "Myler" in a large, blue, bubbly font. Below it is a dropdown menu labeled "Choose Template" with a small downward arrow. Under the dropdown are two buttons: "Insert logo" and "Insert Picture". At the bottom of the sidebar is a button labeled "Save Changes". The right section of the window is a large, empty white rectangular area, intended for the flyer design.

All text will be...
Calibri and font colour black

FORM LABELLING for: CreateFlyer



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
The purpose of this form is as a template for the users' flyer and they can select from the 4 templates given.
OTHER NOTES

[illegible]

FORM LAYOUT for: Template1

Logo

Title

Picture

Description

All text will be...
Calibri and font colour black

PURPOSE OF 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: Template2

Title

Logo

Description

Picture

All text will be...
Calibri and font colour black

PURPOSE OF 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

Title

Logo

Picture

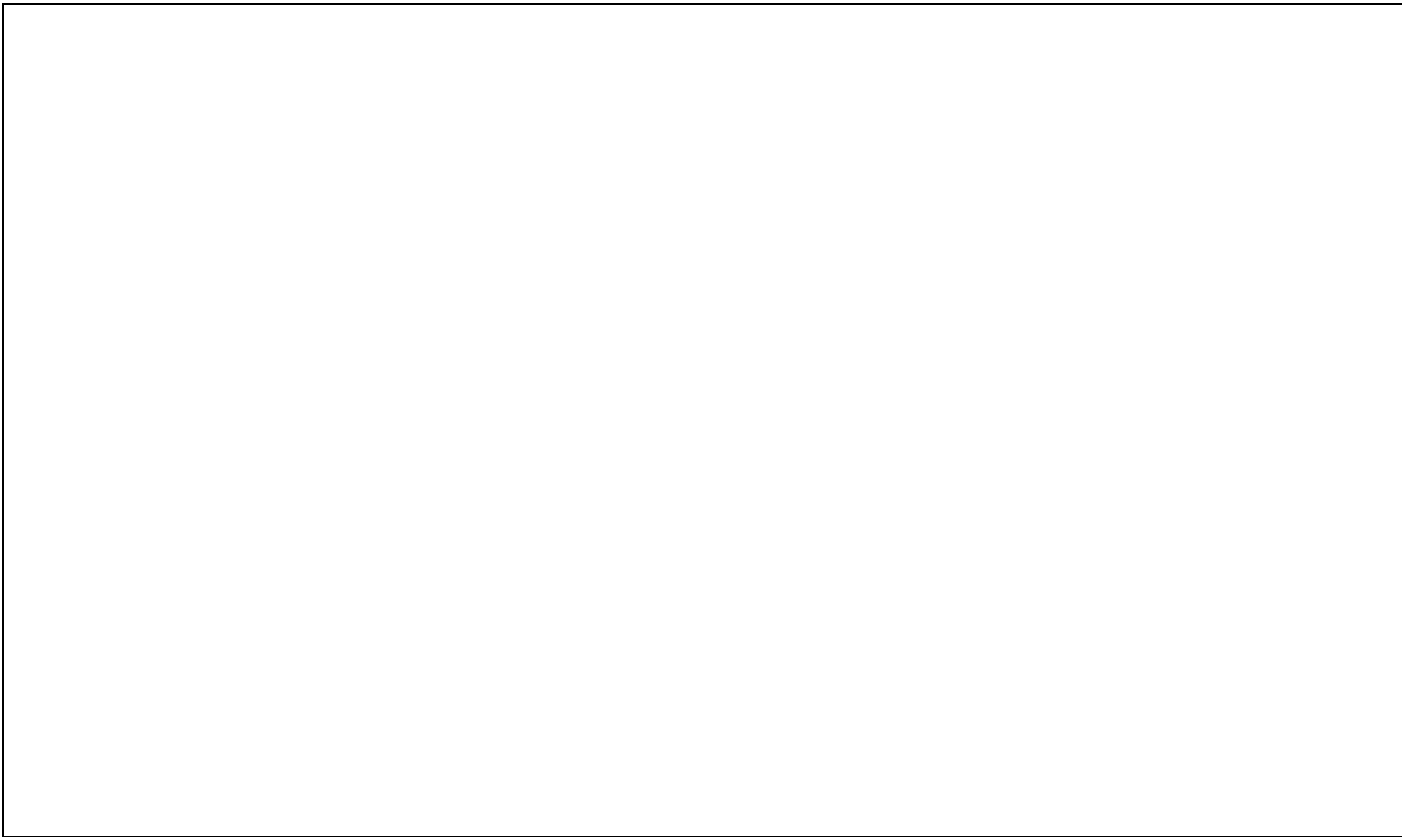
Description

All text will be...
Calibri and font colour black

FORM OVERVIEW for: Template4

PURPOSE OF 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

[illegible]



FORM LAYOUT for: Template4

Description

Logo

Picture

Title

All text will be...
Calibri and font colour black

FORM OVERVIEW for: view flyer

PURPOSE OF THE FORM
The purpose of this form is so the user can view existing flyers.

OTHER NOTES

EVENTS ON THE FORM
<ol style="list-style-type: none">1. User click on btnback will close the form and go back to the main page.2. On load the panel will be updated and loaded from the database.

FORM LAYOUT for: CreateFlyer

View Flyer

Insert Description Here...

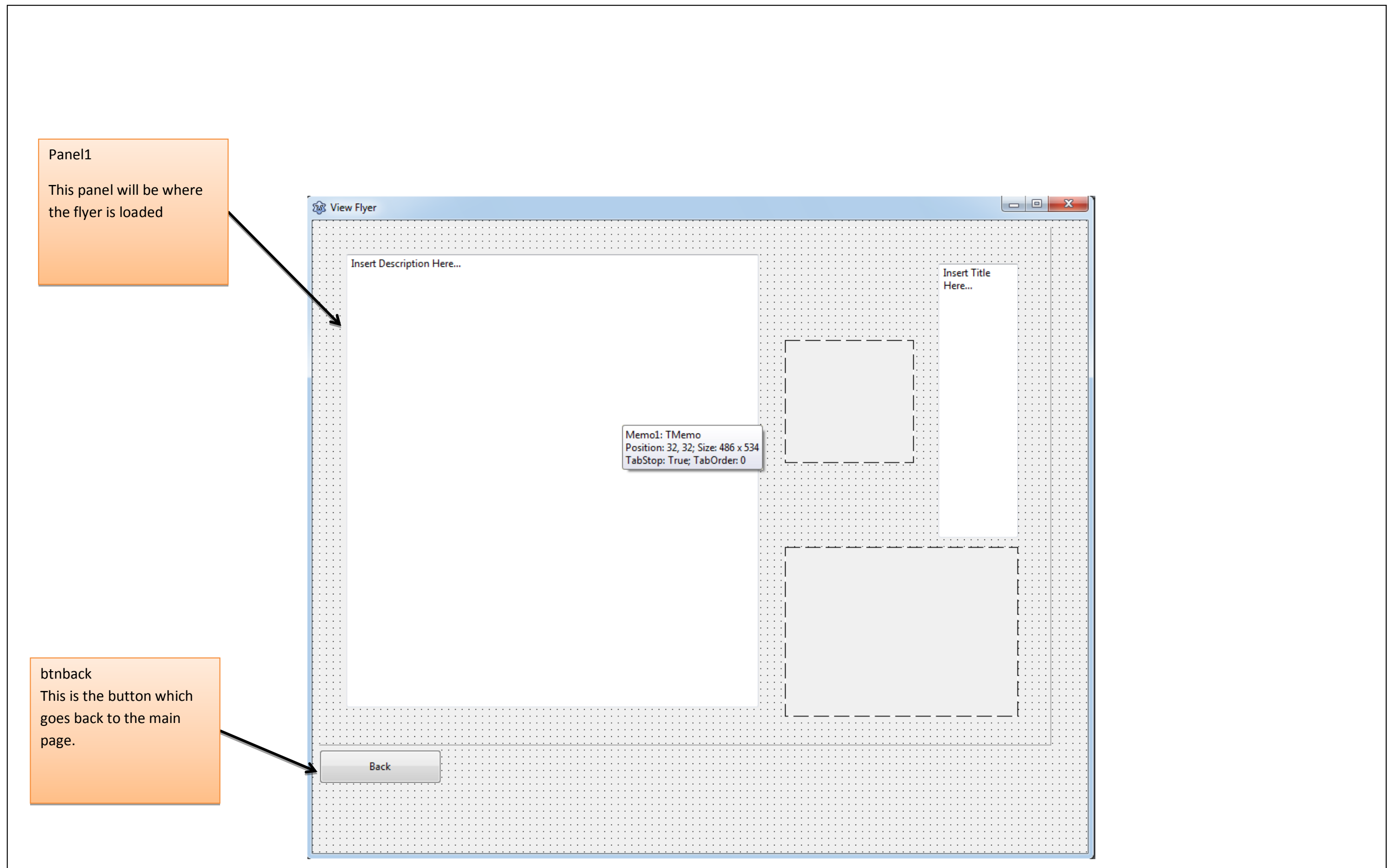
Insert Title Here...

Back

Memo1: TMemo
Position: 32, 32; Size: 486 x 534
TabStop: True; TabOrder: 0

All text will be...
Calibri and font colour black

FORM LABELLING for: CreateFlyer



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

