Embedded System Architecture 2
LAB 3

FALL 2019

INSTRUCTOR: Mohsen Salahi

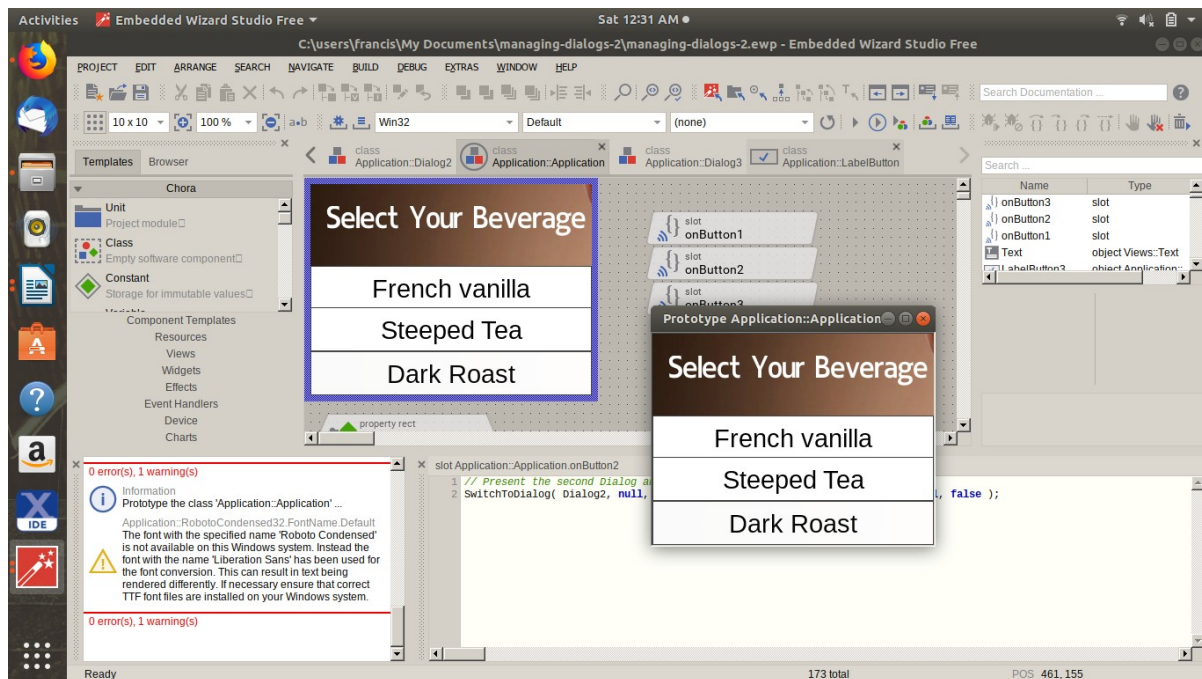**CLASS: ESE 3005**

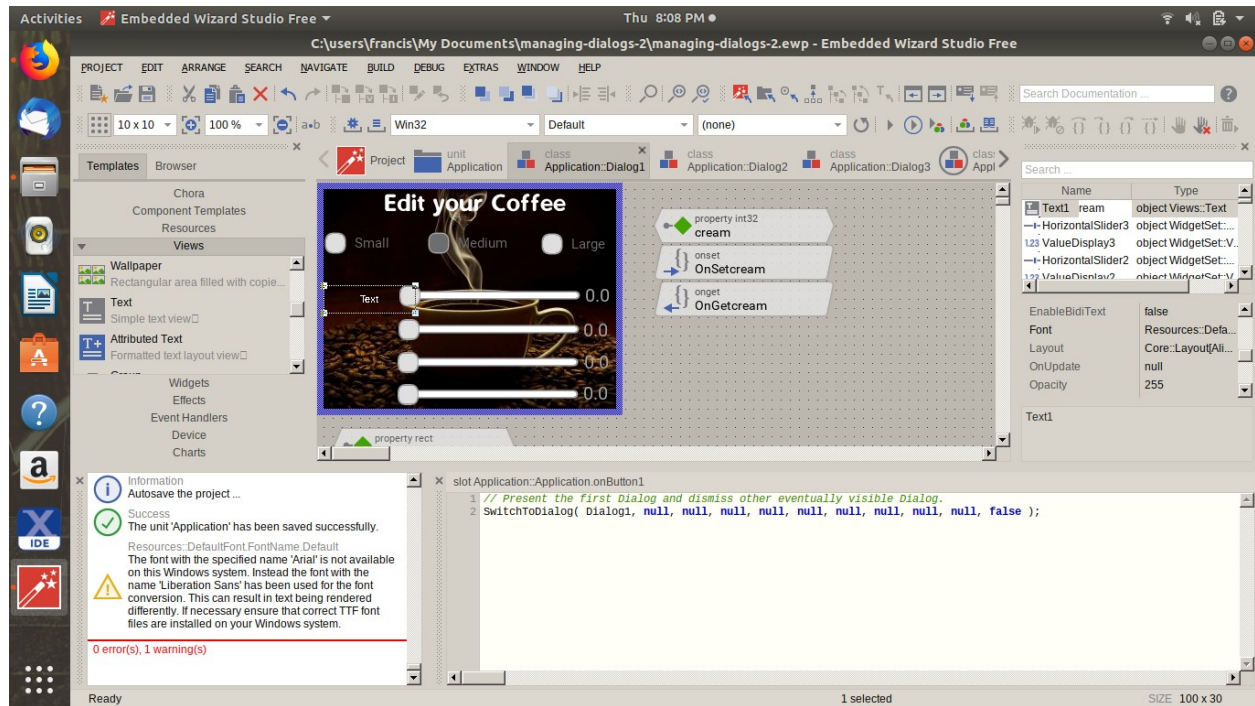| Student Name	Student ID	Signature*
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Design an embedded GUI application that makes use of the touchscreen.

An application for a basic coffee machine was developed, which prompts three options as shown in the screenshots given below. Separate GUI dialogs were created to enable further editing choices.

Main application dialog box:

Sub Dialog box of press button "French vanilla" to edit the beverage.

Working prototype:

C:\users\francis\My Documents\managing-dialogs-2\managing-dialogs-2.ewp - Embedded Wizard Studio Free

PROJECT   EDIT   ARRANGE   SEARCH   NAVIGATE   BUILD   DEBUG   EXTRAS   WINDOW   HELP

10 x 10   100 %   a•b   Win32   Default   (none)   Navigate to the unit (Ctrl+Shift+U)

Search Documentation ...

Templates   Browser

Chora

Unit
Project module

Class
Empty software component

Constant
Storage for immutable values

Variable

Component Templates
Resources
Views
Widgets
Effects
Event Handlers
Device
Charts

unit
Application

class
Application::Dialog1

class
Application::Dialog2

class
Application::Application

class
Application::Dial

class Templates::PushButto
LabelButton

class Core::Group
Dialog1

class Core::Root
Application

class Core::Group
Dialog2

class Core::Group
Dialog3

resource Resources::Bitmap
Bmp_1

resource Resources::Bitmap
Bmp_0952e9d8c44d9

resource Resources::Font
Font2

resource Resources::Font
Font1

resource Resources::Font
Font

Bmp_0952e9d8... resource Resource..
Font1 resource Resource..
Bmp_1 resource Resource..
Font resource Resource..
Bmp_0952e9d8... resource Resource..
Dialog2 class Core::Group

Note

0 error(s), 1 warning(s)

Information
Prototype the class 'Application::Dialog2' ...

Application::Dialog2.OnGetmilk
Unexpected method 'OnGetmilk'. No corresponding
property found for this method. Possible the method or
the property has been renamed, or the property has
been removed. To solve this problem remove this
method 'OnGetmilk' too or add/rename the
corresponding property.

1 error(s), 0 warning(s)

slot Application::Application.onButton2

```
1  // Present the second Dialog and dismiss other eventually visible Dialog.
2  SwitchToDialog( Dialog2, null, null, null, null, null, null, null, false );
```

Show the content of the unit, where the currently edited member belongs to   10 total