**ONLINE CLASSES SYSTEM**

*PROBLEM STATEMENT*

*This software basically associated with problem regarding classes. Sometime students are unable to attend the classes due to some reasons so because of that they face many problems in their studies. But this software provides facility to attend the classes online when they are not able to come in the class. They attend their lectures online wherever they want.*

*Advantage-*

*1. Students can save their time.*

*2. No need to attend all the classes.*

Online classes SYSTEM

**Report on Configuration DefaultConfig**

Packages

com

Language: C++

Nested Packages:

onlineclasses

Globals:

onlineclasses

Language: C++

Object Model Diagrams:

# onlineclasses

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Overridden Properties

Subjects:

Format

Metaclasses:

Class

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

Line.LineStyle: 0

DefaultSize: 0,34,84,148

Font.Size: 10

Line.LineColor: 121,122,0

Object

Properties:

Font.Underline@Child.NameCompartment@Name: 1

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

Line.LineStyle: 0

DefaultSize: 0,34,84,148

Font.Size: 10

Line.LineColor: 121,122,0

Sequence Diagrams:

# execution

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Overridden Properties

Subjects:

Format

Metaclasses:

TimeoutMessage

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,128

Font.Font: Arial

Font.Size: 10

Line.LineColor: 0,112,0

InteractionOccurrence

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Fill.FillColor: 255,255,255

Font.Font: Arial

DefaultSize: 0,0,216,134

Font.Size: 10

Line.LineColor: 0,16,230

InstanceLine

Properties:

Line.LineWidth: 0

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

DefaultSize: 0,0,96,437

Font.Size: 10

Line.LineColor: 121,122,0

Message

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,128

Font.Font: Arial

Font.Size: 10

Line.LineColor: 0,112,0

EnvironmentLine

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

DefaultSize: 0,0,96,437

Font.Size: 10

Line.LineColor: 0,0,0

SequenceDiagram

Metaclasses:

General

Properties:

ClassCentricMode: True

RealizeMessages: True

CleanupRealized: True

Use Case Diagrams:

# onlineclasses

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Overridden Properties

Subjects:

Format

Metaclasses:

Actor

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,128

Font.Font: Arial

Fill.FillColor: 255,255,255

DefaultSize: 0,26,84,168

Font.Size: 10

Line.LineColor: 111,0,107

FreeText

Properties:

Font.Height: 13

Fill.Transparent\_Fill: 1

Multiline: True

Line.Transparent: 1

Wordbreak: False

VertAlign: 0

HorzAlign: 0

Font.Font: Arial

Font.Size: 10

UseCase

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

DefaultSize: 0,21,129,92

Font.Size: 10

Line.LineColor: 111,0,107

System\_Border

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

DefaultSize: 0,0,228,240

Font.Size: 10

Line.LineColor: 111,0,107

Association

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,128

Font.Font: Arial

Font.Size: 10

Line.LineColor: 221,0,0

Events:

# evend

# evpresskey

# evstart

Associations:

# attendby

End1: itsStudent, Multiplicity of 1

End2: itsClasses, Multiplicity of 1

# takes

End1: itsClasses, Multiplicity of 1

End2: itsLecturar, Multiplicity of 1

Globals:

Classes:

# display

Operations:

evpresskey

Reception

Statechart



Overridden Properties

Subjects:

Format

Metaclasses:

FreeText

Properties:

Font.Height: 13

Fill.Transparent\_Fill: 1

Multiline: True

Line.Transparent: 1

Wordbreak: False

VertAlign: 0

HorzAlign: 0

Font.Font: Arial

Font.Size: 10

StateChartConditionConnector

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 152,158,231

DefaultSize: 0,0,25,23

Font.Size: 10

Line.LineColor: 0,0,0

DanglingTransition

Properties:

Line.LineWidth: 2

Line.LineColor: 0,0,0

State

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

Line.LineStyle: 0

DefaultSize: 0,0,96,60

Font.Size: 10

Line.LineColor: 0,112,0

ROOT

Or-state

Substates:

waitforkeys

Default Transition

Target:

waitforkeys

waitforkeys

Or-state

Out Transition

Condition Connector

Branches:

Target:

waitforkeys

Target:

waitforkeys

Target:

waitforkeys

# keyreader

Overridden Properties

Subjects:

CG

Metaclasses:

Class

Properties:

Concurrency: active

# Lecturer

# Login

# onlineclasses

Objects:

lecture

Object of Lecturer, Multiplicity of 1

login

Object of Login, Multiplicity of 1

Operations:

evend

Reception

evstart

Reception

Attributes:

classtime

Type of int, Public, Multiplicity of 1, Initial Value: 60

lecturetime

Type of int, Public, Multiplicity of 1, Initial Value: 50

logintime

Type of int, Public, Multiplicity of 1, Initial Value: 80

Statechart



Overridden Properties

Subjects:

Format

Metaclasses:

DiagramConnector

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 152,158,231

DefaultSize: 0,0,55,24

Font.Size: 10

Line.LineColor: 0,0,0

HistoryConnector

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 152,158,231

DefaultSize: 0,0,25,23

Font.Size: 10

Line.LineColor: 0,0,0

FreeText

Properties:

Font.Height: 13

Fill.Transparent\_Fill: 1

Multiline: True

Line.Transparent: 1

Wordbreak: False

VertAlign: 0

HorzAlign: 0

Font.Font: Arial

Font.Size: 10

DanglingTransition

Properties:

Line.LineWidth: 2

Line.LineColor: 0,0,0

State

Properties:

Line.LineWidth: 1

Font.FontColor: 0,0,0

Font.Font: Arial

Fill.FillColor: 255,255,255

Line.LineStyle: 0

DefaultSize: 0,0,96,60

Font.Size: 10

Line.LineColor: 0,112,0

ROOT

Or-state

Substates:

end

running

start

Default Transition

Target:

start

end

Or-state

EntryAction

system.out.println("class end")

Out Transition

Target:

over

Out Transition

Target:

History Connector

running

Or-state

Substates:

classtime

lecturetime

logintime

classtime

Or-state

EntryAction

system.out.println(classtime)

Out Transition

Target:

lecturetime

lecturetime

Or-state

EntryAction

system.out.println(lecturetime)

Out Transition

Target:

over

logintime

Or-state

EntryAction

system.out.println(logintime)

Out Transition

Target:

classtime

start

Or-state

EntryAction

system.out.println("class start")

Out Transition

Target:

running

over

Diagram Connector

over

Diagram Connector

Actors:

# lecturar

Association Ends:

itsClasses

takes

Association with classes, Multiplicity of 1, Bi-directional, Navigable

itsCloud

Association with cloud, Multiplicity of 1, Bi-directional, Navigable

# student

Association Ends:

itsClasses

attendby

Association with classes, Multiplicity of 1, Bi-directional, Navigable

Use Cases:

# classes

Association Ends:

itsLecturar

itsStudent

itsCloud

# cloud

Association Ends:

itsClasses

itsLecturar

Default

Language: C++

Globals:

Object Model Diagrams

# Model1

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Components

DefaultComponent

Language: C++

Component Settings:

Build type: Executable

Configurations:

# DefaultConfig

Scope type: Explicit

Instrumentation type: None

Time-model type: Real-time

Statechart generation type: Flat

Files and Folders:

***ER-DIAGRAM***

login

prepare

Study material

access

teaches

student

use

S\_id

staff