SimpliFyle

Organize files and folders with one click

The Idea

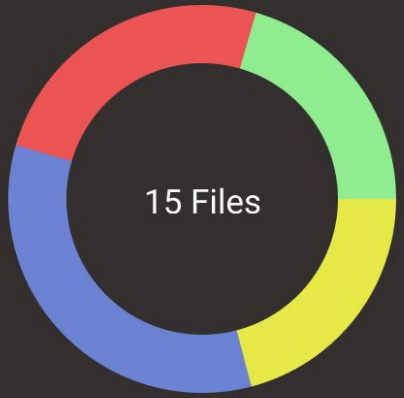
SimpliFyle

SELECT FOLDER

SimpliFyle

SELECT FOLDER

Academic | Extension | Size | Date



Organize

- 5100
- 5400
- 5300
- 5600

+ Add Course

+ Add Deliverables

5100 x

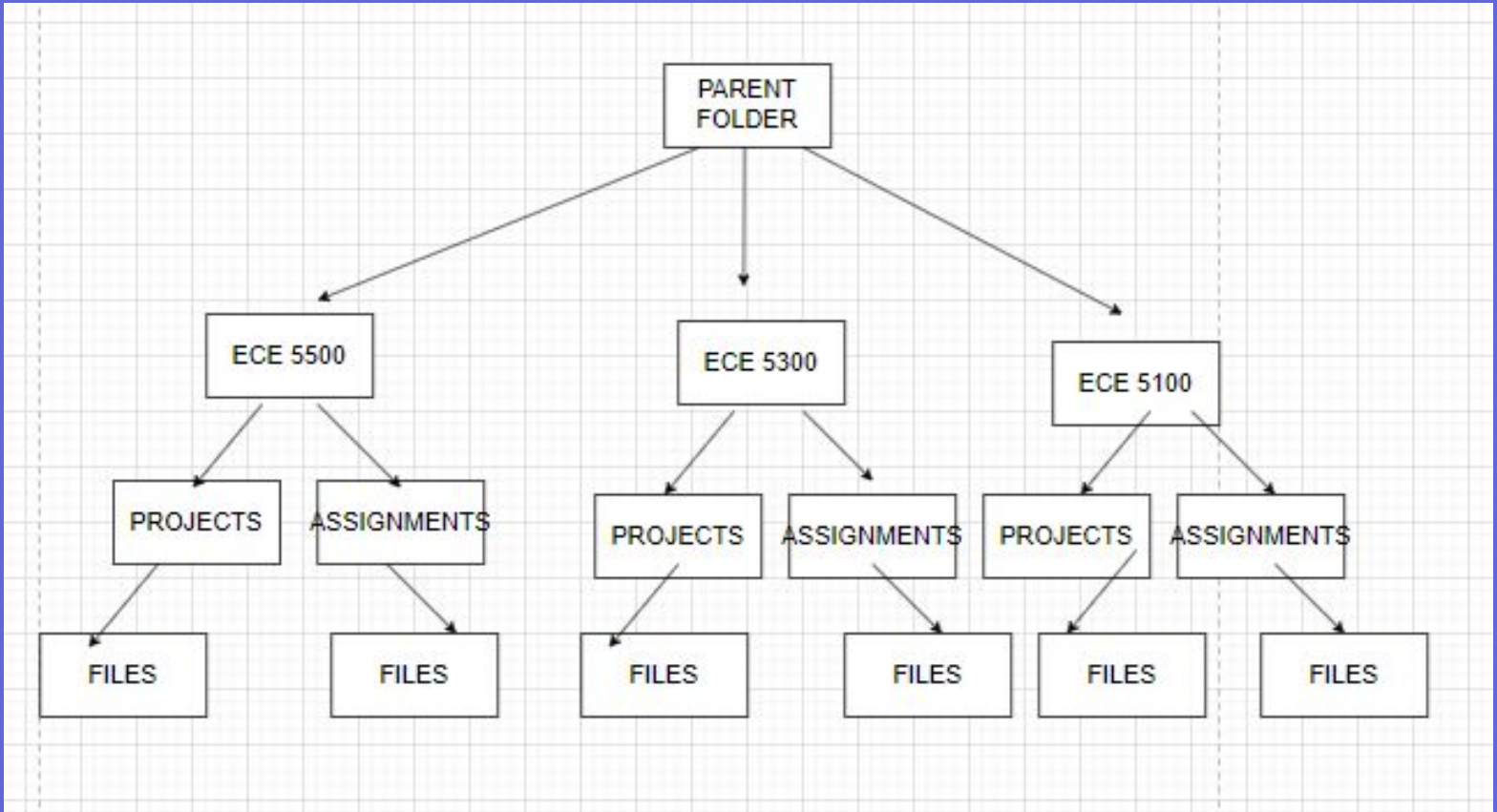
5400 x

5300 x

5600 x

Assignments x

Labs x

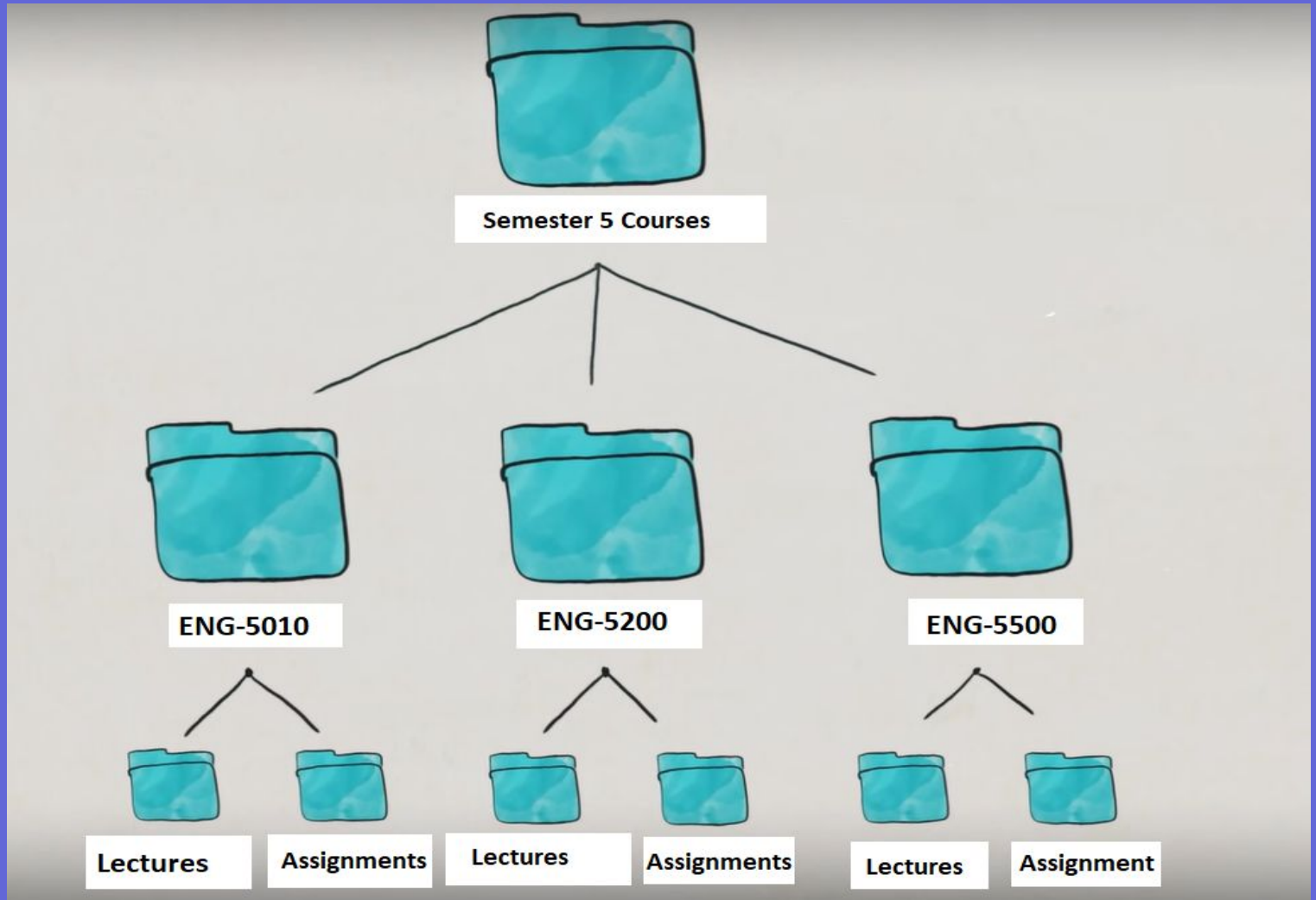

PARENT FOLDER
ECE 5500
ECE 5300
ECE 5100
PROJECTS
ASSIGNMENTS
PROJECTS
ASSIGNMENTS
PROJECTS
ASSIGNMENTS
FILES
FILES
FILES
FILES
FILES
FILES

The software will look for keywords in the file names in a given set of files.

Such as:

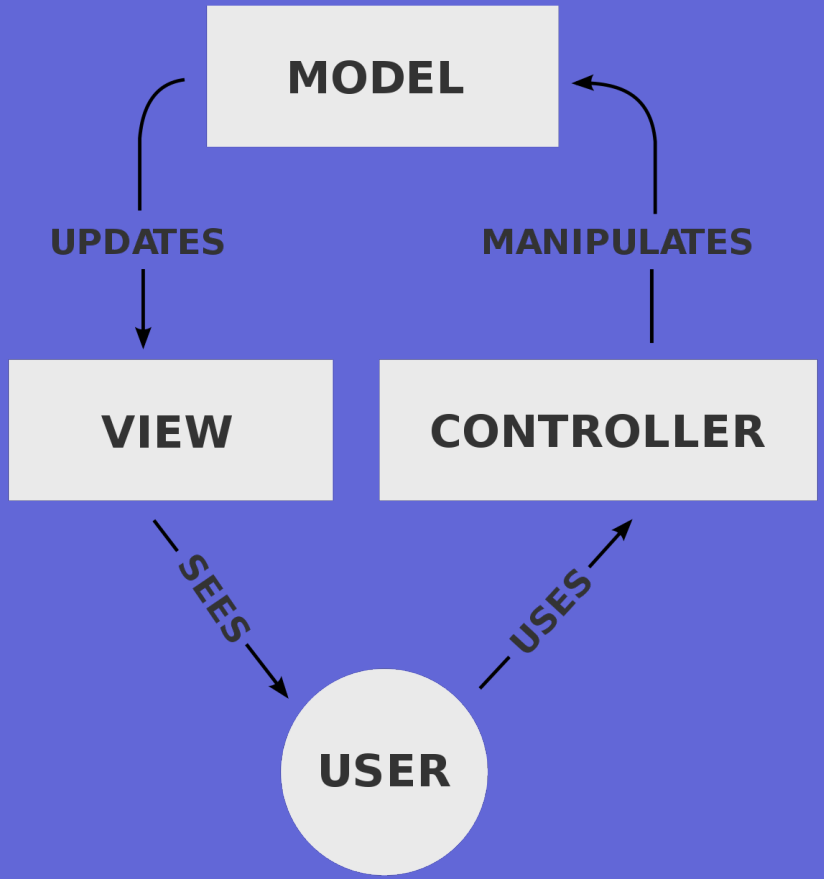
5400_assignment_1.pdf
5100_lecture_3.pdf
5500_notes.pdf
5400_assignment_2.pdf
5400_assignment_3.pdf

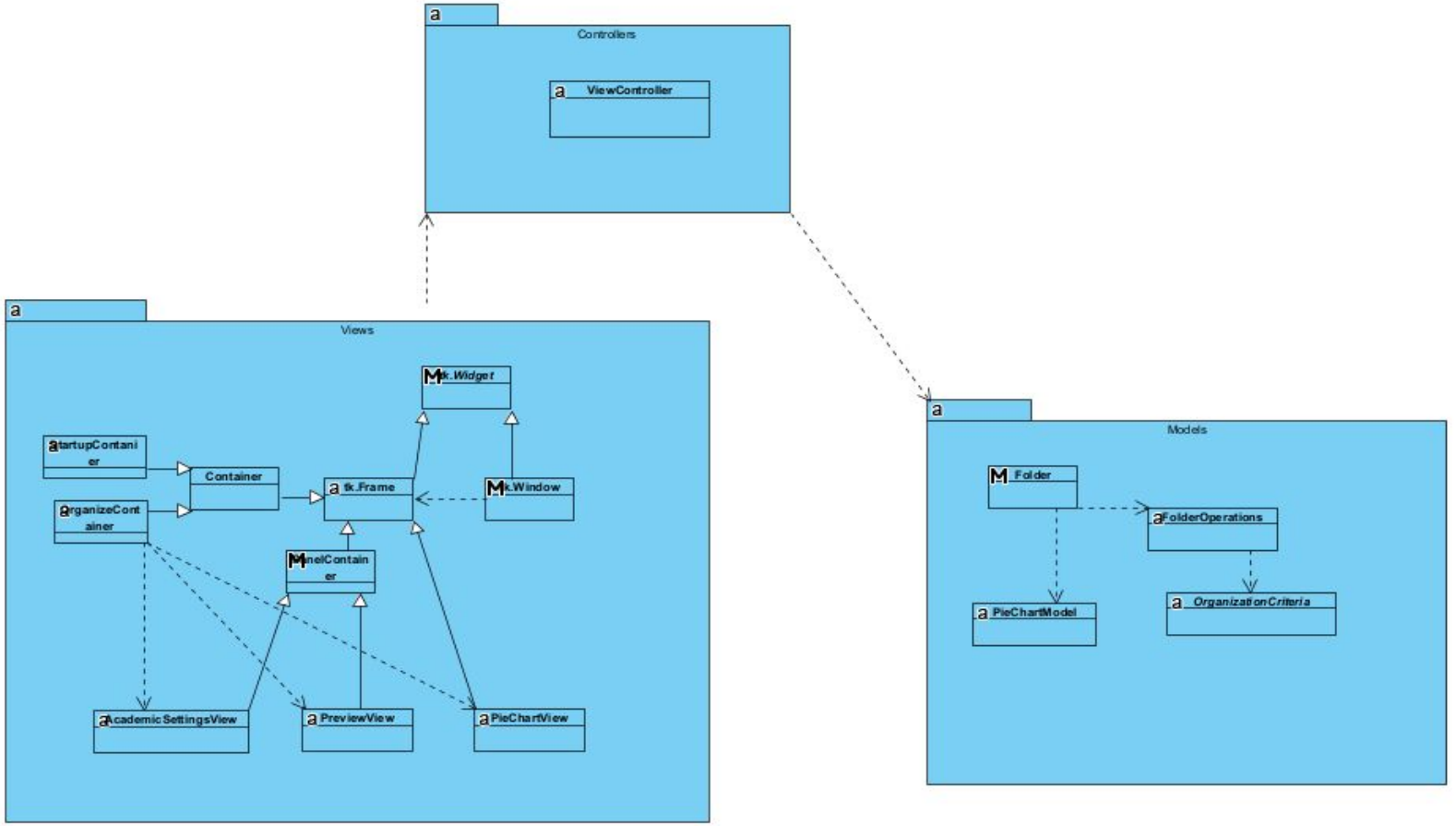
5400_assignment_1.pdf
5100_lecture_3.pdf
5500_notes.pdf
5400_assignment_2.pdf
5400_assignment_3.pdf

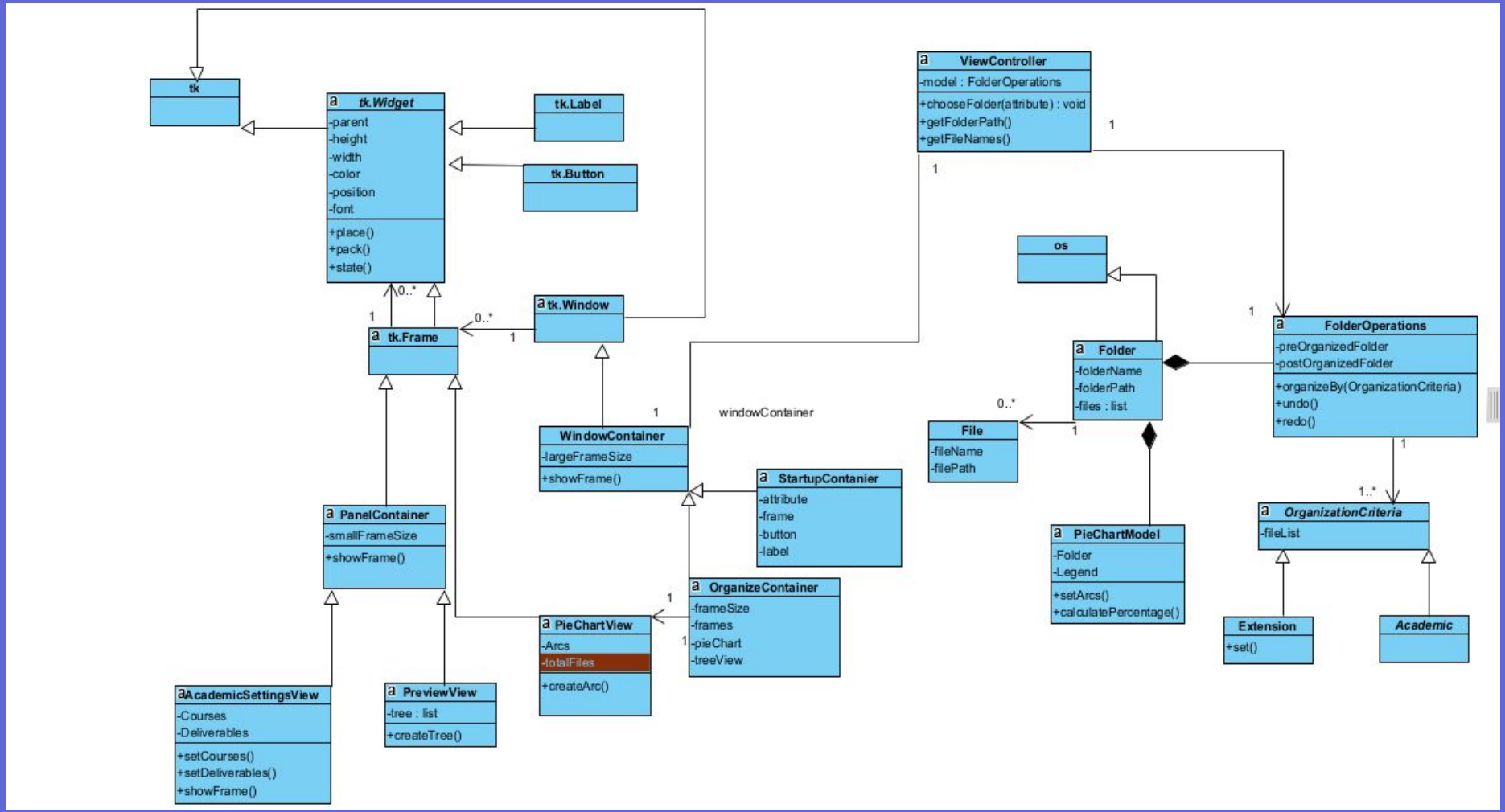

Semester 5 Courses
ENG-5010
ENG-5200
ENG-5500
Lectures
Assignments
Lectures
Assignments
Lectures
Assignment

Design Architecture

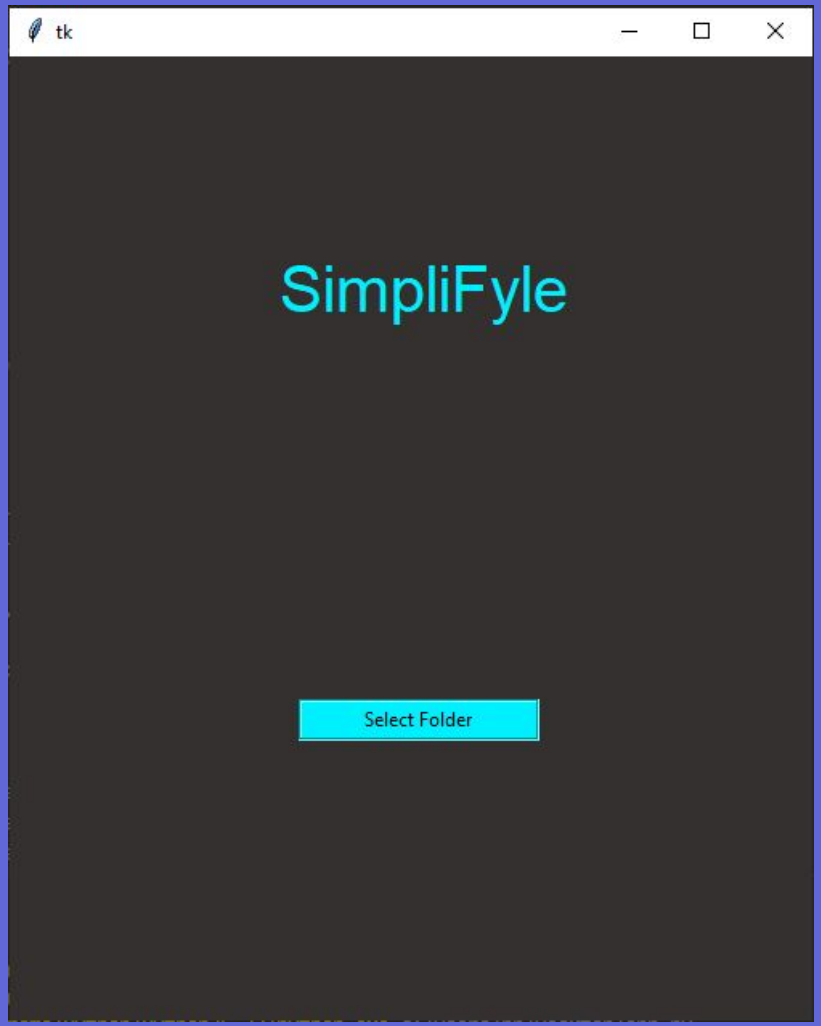
MVC Design

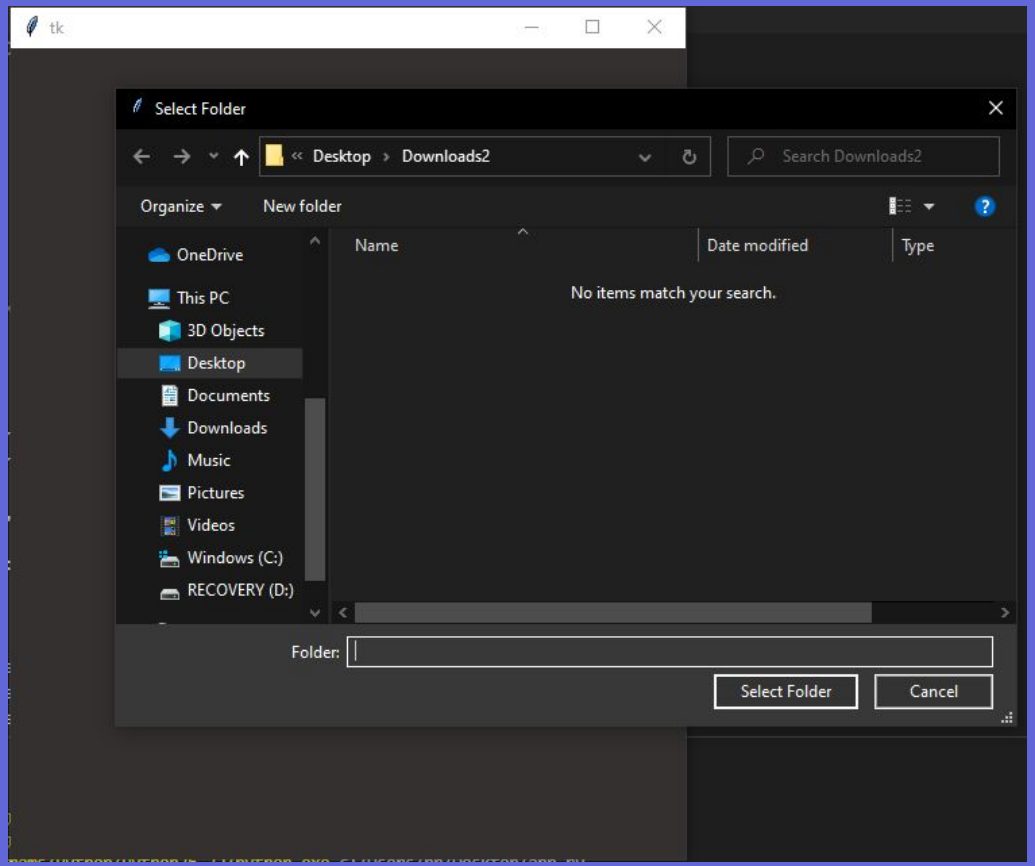



Controllers
ViewController
Views
tk.Widget
StartupContainer
Container
tk.Frame
tk.Window
OrganizeContainer
PanelContainer
AcademicSettingsView
PreviewView
PieChartView
Models
Folder
FolderOperations
PieChartModel
OrganizationCriteria


tk
tk.Widget
-parent
-height
-width
-color
-position
-font
+place()
+pack()
+state()
tk.Label
tk.Button
ViewController
-model : FolderOperations
+chooseFolder(attribute) : void
+getFolderPath()
+getFileNames()
os
tk.Window
tk.Frame
FolderOperations
-preOrganizedFolder
-postOrganizedFolder
+organizeBy(OrganizationCriteria)
+undo()
+redo()
Folder
-folderName
-folderPath
-files : list
File
-fileName
-filePath
windowContainer
WindowContainer
-largeFrameSize
+showFrame()
StartupContanier
-attribute
-frame
-button
-label
PanelContainer
-smallFrameSize
+showFrame()
OrganizeContainer
-frameSize
-frames
-pieChart
-treeView
PieChartModel
-Folder
-Legend
+setArcs()
+calculatePercentage()
OrganizationCriteria
-fileList
Extension
+set()
Academic
PieChartView
-Arcs
-totalFiles
+createArc()
AcademicSettingsView
-Courses
-Deliverables
+setCourses()
+setDeliverables()
+showFrame()
PreviewView
-tree : list
+createTree()
0..*
1
1..*

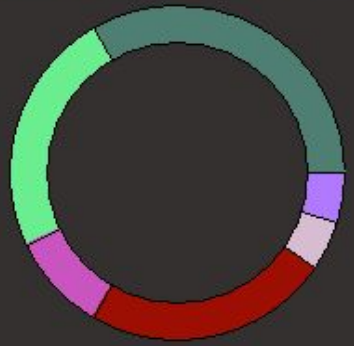
Where are we now


tk
SimpliFyle
Select Folder


tk
Select Folder
Desktop › Downloads2
Search Downloads2
Organize
New folder
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Windows (C:)
RECOVERY (D:)
Name
Date modified
Type
No items match your search.
Folder:
Select Folder
Cancel

tk

Academic | Extension



Organize2

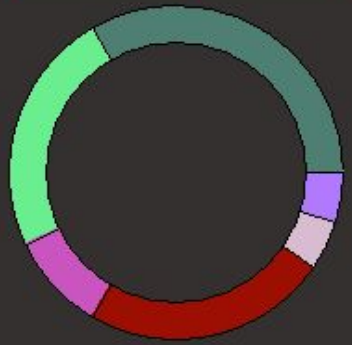
jpg pptx
pdf
docx
m
wav

Total Files: 21

ASM_CHART.jpg
ASM_CHART.pdf
Assigment3.docx
Assigment3.pdf
Assigment3_1.m
Assigment3_2.m
IMG_20220401_072413.jpg
IMG_20220401_072653.jpg
IMG_20220401_072711.jpg
IMG_20220401_072731.jpg
IMG_20220401_072743.jpg
IMG_20220401_072812.jpg
MadisonHayley_5100A3_Prob1.m
MadisonHayley_5100A3_Prob2.m
myCoinToss.m
Notes1.wav
Printer Queue Presentation.pptx
Printer Queue Project Proposal.pdf
PROJECT REPORT.docx
PROJECT REPORT.pdf
Volunteer-Application-RMHCNL-2017.pdf

tk

Academic | Extension



Organize1

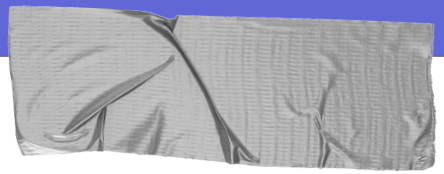
jpg pptx
pdf
docx
m
wav

Total Files: 21

ECE 5400 | Labs

Add Course | Add Deliverables

ECE 5200 Assignments
ECE 5300 Notes
ECE 5400 Labs



Thanks!

Any Questions?

Kyle Shal

Jerom Pulikotil