

# INF2611 Unit 2 Visual Programming II

## Multiple Documents and Layouts

M. Mujinga  
INF2611



Define tomorrow.

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college of  
science, engineering  
and technology

# INF2611 - UNITS

- Unit 1 GUI Design – basic widgets
- Unit 2 Advanced Widgets, Menus and Toolbars
- Unit 3 Multiple documents and layouts
  - Chapter 11. Multiple Documents and Layouts (Harwani)
- Unit 4 Database handling and reporting
  - Chapter 12. Database Handling

# Overview

- A multiple-document interface
- Layouts
- Group Box

# A multiple-document interface (MDI)

- MDI – consists of main window
  - menu bar, toolbar, central Qworkspace widget (display & manage child windows)
  - QMidArea class with many methods (Table 11.1)
  - SubWindow & Tabbed views

[Multiple document windows on app](#)

# Layouts

- Arrange and manage the widgets; layout managers:
  - Horizontal – row
  - Vertical – column
  - Grid – matrix
  - Form – two-column (labels & output)
  - Automatically resizes widgets

## Using a Group Box

- Groups related information together
- Aligned and enabled/disabled by Check Box
- Properties checkable/flat
- Methods in QGroupBox class
  - isCheckedable()
  - isChecked()
  - setChecked()

## Assessments for Unit 3

- **Assessment for Unit 3 - MCQ quiz** is available. Available until 23 September. One attempt.
- **Self-Assessment for Unit 3 - MCQ quiz** is available. Available until 24 September. Three attempts.

# Thank you

Define tomorrow.

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