

# Dental Payment System

## Introduction

This time, we will create a dental payment system that helps patients calculate total price of dental services they want to use – Flossing, Filling, and Root Canal

## Requirements

1. Build the following Dental Payment System App using WPF. You can use appropriate layout controls.

The screenshot shows a WPF application window titled "CalculatorApp". The main content area is titled "Dental Payment System". It contains the following elements:

- Name of Patient:** A text label followed by a text input box.
- Address:** A text label followed by a text input box.
- Patient Category:** Three radio buttons labeled "Senior", "Kids and Youth", and "Adult".
- Dental Services Available:** A list of services with checkboxes and prices:
  - ☐ Flossing \$20.00
  - ☐ Filling \$75.00
  - ☐ Root Canal \$150.00
- Calculate:** A button with the text "Calculate".
- Output:** A text block at the bottom with the text: "Output is displayed here in this textblock.. You need to print Patient Name along with Total charges".

2. If patient is Senior, then give 10% discount, if he/she is in category –Kids/Youth then 15% discount.
3. Add one combo box under Address textbox (drop down for Provinces – Alberta – HST 7%, Ontario- HST 13% and Quebec- HST 6%).
4. As per the selection of the province, Total Charges should be calculated accordingly.