**Use Case**: add polynomials

**Primary Actor**: user

**Main Success Scenario**:

1.The user inserts the 2 polynomials in the graphical user interface.

2.The user selects the “addition” operation

3.The user clicks on the “compute” button

4.The polynomial calculator performs the addition of the two polynomials and displays the result

**Alternative Sequence**: Incorrect polynomials

-The user inserts incorrect polynomials (e.g. with 2 or more variables)

-The scenario returns to step 1

**Use Case**: subtract polynomials

**Primary Actor**: user

**Main Success Scenario**:

1.The user inserts the 2 polynomials in the graphical user interface.

2.The user selects the “subtraction” operation

3.The user clicks on the “compute” button

4.The polynomial calculator performs the subtraction of the two polynomials and displays the result

**Alternative Sequence: Incorrect polynomials**

-The user inserts incorrect polynomials (e.g. with 2 or more variables)

-The scenario returns to step 1