
The Mathinator

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Use-Case Specification: Use Manual Calculator

Version 1.0

Revision History

Date	Version	Description	Author
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Use-Case Specification: Use Manual Calculator

1. Use-Case “Use Manual Calculator”

1.1 Brief Description

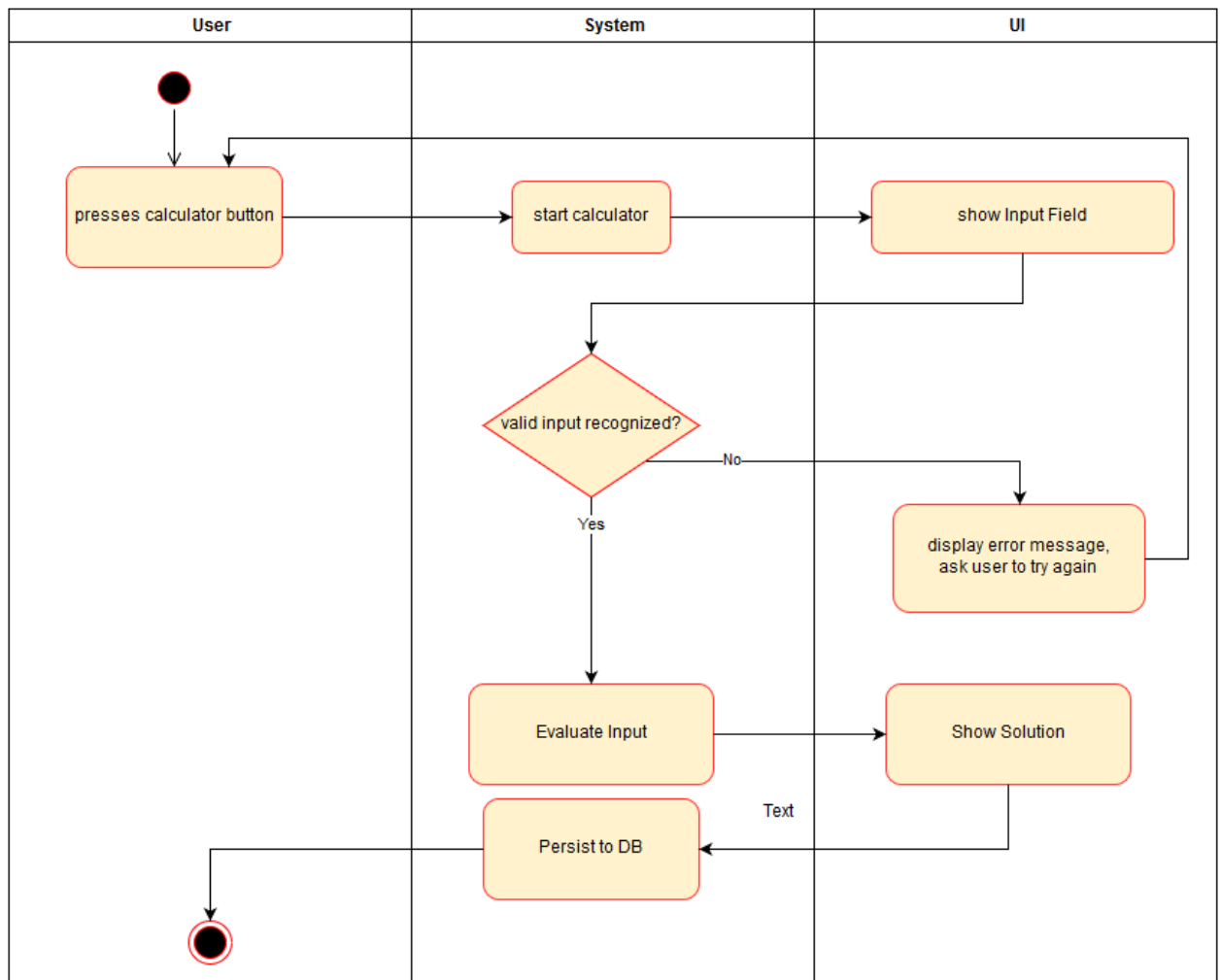
This Use Case defines how the user of the application can use the calculator.

From the Main Menu the user can click on the ‘Calculator’ Button which takes them to a new Menu.

An Input Field will appear, which can be filled with equations. By clicking the ‘=’-Button the result is calculated and a CRUD operation is started which persists the entry to the database. The user can repeat as necessary.

2. Flow of Events

2.1 Basic Flow



Mockup:



Calculator Menu

3. Preconditions

3.1 Functionality on Android

Since the app is designed as an Android application it is necessary for the UI to be responsive to different screen sizes.

3.2 Accessing the Calculator Menu

To be able to enter the calculator menu, the user must be in the main screen of the app.

4. Postconditions

4.1 After Calculations

After the user has finished operations, they can go back to the main screen by pressing “back”.

5. Extension Points

n/a