

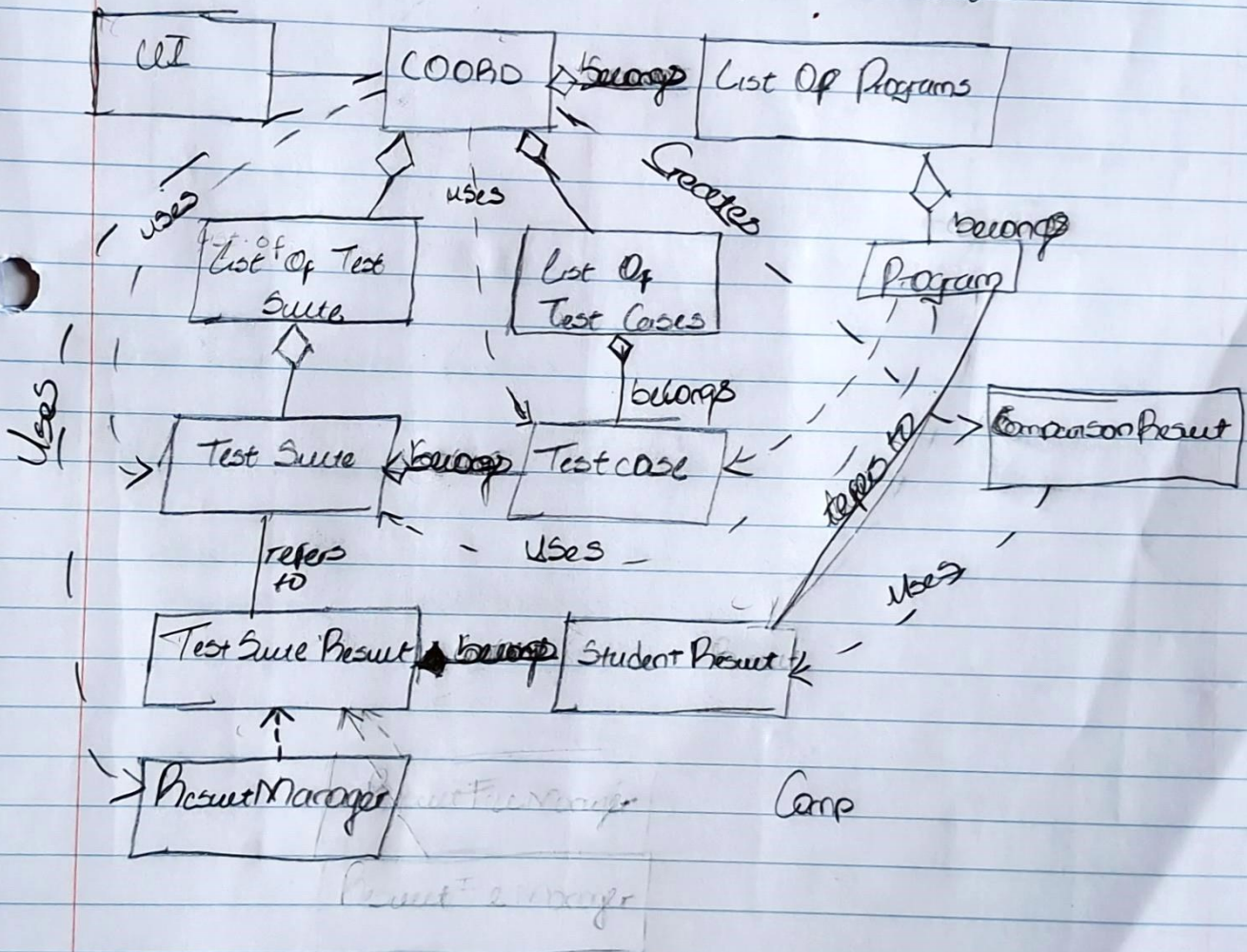
Class Diagram

Classes

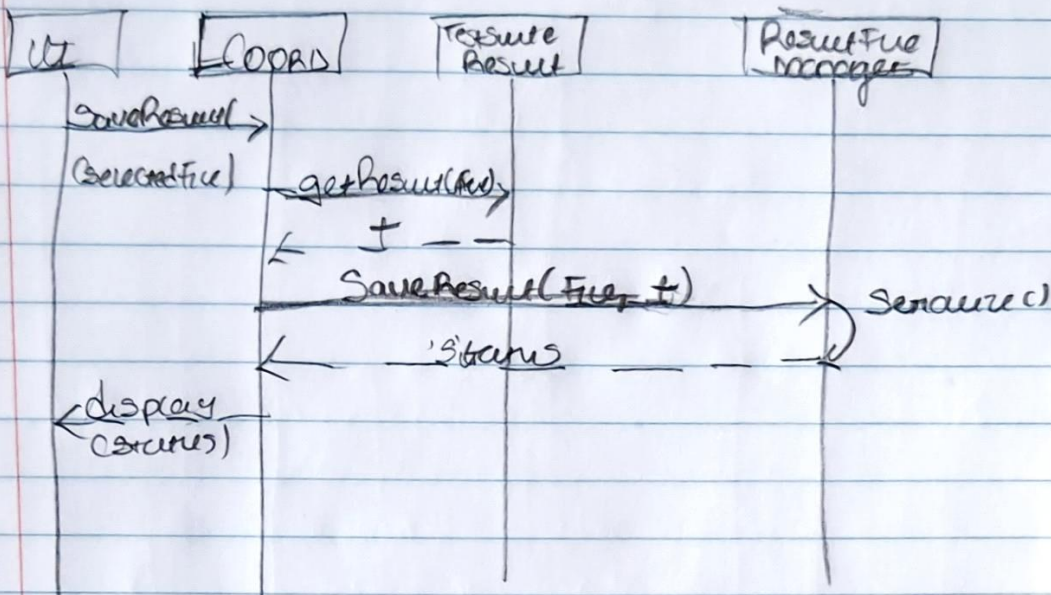
- ↳ UI/MainApp
- ↳ Co-Ordinator
- ↳ TestSuite
- ↳ TestCase
- ↳ ListOfTestSuites
- ↳ ListOfTestCases

- ↳ Diagrams
- ↳ ListOfPrograms
- ↳ TestSuiteResult → Contains many Student Results
- ↳ StudentResult → Contains the result for a single Student Program
- ↳ ResultFileManager → Saves & loads test-suite results
- ↳ ComparisonResult → Represents Comparison between 2 Submissions for One Student

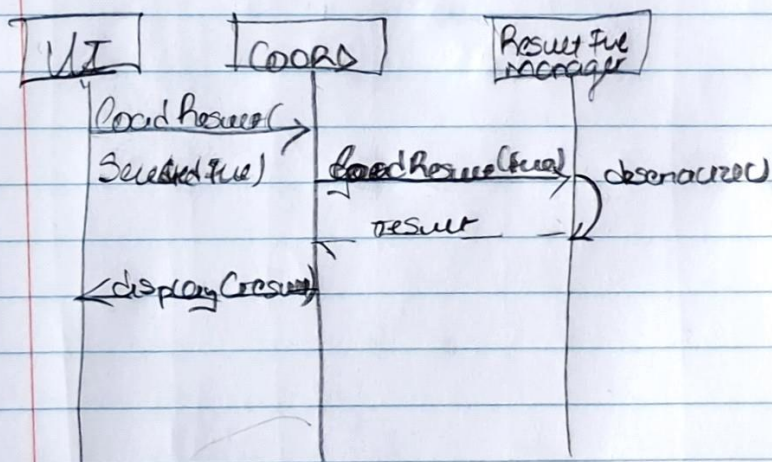
Updated Class Diagram



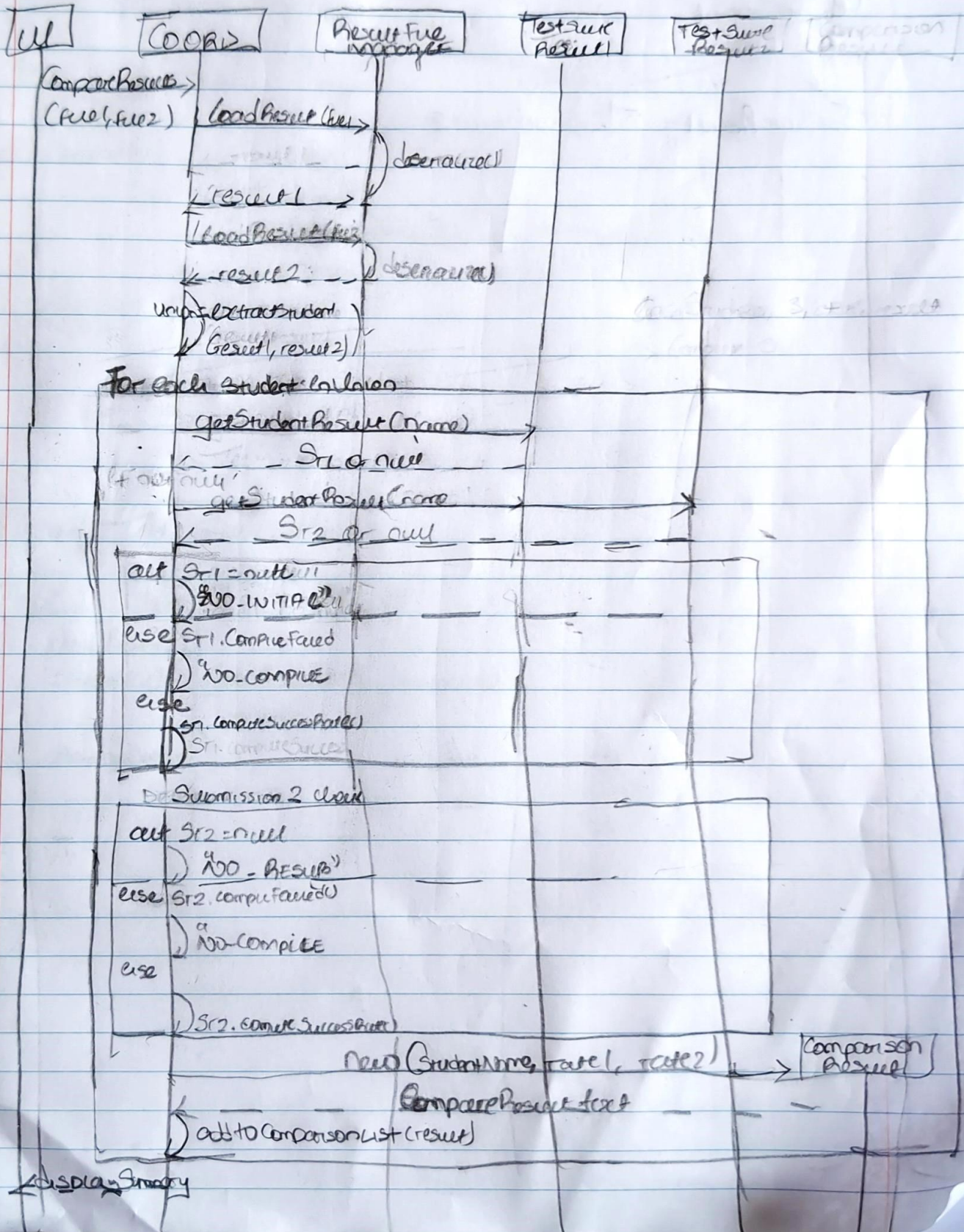
Save Test Suite Result



Load Test Suite Result



Comparing Results



Use of Programs

Program

T-Test
Sum

T-Test
Case

Sum

Case

Execution

For each Program

Need Student Result (Student Name)

Student Result

find name in file

Manifest

Compare manifest

Success Bool

If Success Bool

Prints

For each Test case

GetNext()

T

GetInput()

Input Str

Excel (Input Str)

Output

Compare Output (actual)

Pass/Fail

Outcome

Set Outcome (Test case, Outcome)

Student Result

Student Result