

## Solution 1: Create a contact summary note

### 1. Modify ABContact Summary class by inserting a new saveSummaryNote method.

```
package si.ta.classes.entity

uses gw.api.database.Query
uses gw.api.database.Relop
uses gw.api.system.database.SequenceUtil
uses gw.transaction.Transaction


```

```

function buildConcatenatedSummary(): String {
    return String.format("%s,%s,%s,%s",
        {_externalID, _contactID, _name, _numCheckingAccounts, _assignedUserWorkload})
}

/**
 * Function that create a summary note.
 */
function saveSummaryNote(): void {
    if (this._contactID != null) {
        var queryObj = Query.make(ABContact)
        queryObj.compare(ABContact#PublicID, Relop.Equals, this._contactID)
        var targetContact = queryObj.select().AtMostOneRow
        Transaction.runWithNewBundle(newBundle -> {
            var newNote = new ContactNote()
            newNote.Subject = "ABContact Summary"
            newNote.ContactNoteType = ContactNoteType.TC_GENERAL
            newNote.Body = "External ID: " + this._externalID + "\n" +
                "Name: " + this._name + "\n" +
                "Number of checking accounts: " + this._numCheckingAccounts
            targetContact.addToContactNotes(newNote)
        }, "su")
    }
}

```

## 2. Deploy code changes.

- a) Restart server.

## 3. Perform verification steps.

```

uses gw.api.database.Query
uses gw.api.database.Relop
uses si.ta.classes.entity.ABContactSummary

var queryObj = Query.make(ABContact)
queryObj.compare(ABContact#PublicID, Relop.Equals, "ab:5")
var targetContact = queryObj.select().AtMostOneRow

var newSummary = new ABContactSummary(0)
newSummary.loadSummaryData(targetContact)
newSummary.saveSummaryNote()

```