# Sprint Report II

## Team Overview

### Name
Silver Redux

### Members
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### Project Title
APMAX Test Suite and Set-Top Box Regression Testing Framework

### Company
Innovative Systems, LLC

# Sprint Report

## Work for this sprint included:

- Emulator Client
    - Created a wizard for running tests (Emulator Client)
        - Automatically Writes to the database
        - Support for elapsed time while running tests
    - Bug Fixes
        - Fixed client crashing when deleting a command group that has > 0 commands.
        - Fixed client crashing when deleting a command type that has > 0 parameters.
        - Fixed glitch with moving menu items
        - Fixed crash when test not selected for certain pages
        - Fixed Various DevExpress Theme/Style Bugs
        - Fixed Spacing Problems on Command Types
        - Fixed Adding New Packages (MDI behavior broke this feature)
        - Deleting a Test Command Type no longer throws an exception
    - Emulator Client – MDI Behaviors
        - Implemented MDI ( Multiple Document Interface ) Style
        - Made User Controls Resizable
        - Clicking an item in the toolbar focuses that active window if one exists
        - New windows are now focused when opened
    - Converted Controls on the following pages to DevExpress
        - Command Types
        - vPeople Commands
        - vPhones Commands
        - vPeople Command Groups
        - vPhones Command Groups
        - View Tests
        - Setup Tests
- Emulator Controller:
    - Implemented new command  (*CmdInsertMessageForTesting*)
    - Prevented SerializationLookup from logging repeatedly for an unhandled message type
    - Add handling for unhandled SI Stream types
    - Get connection string for databases from command line
    - Fixed TCP send/receive (Needed to both use the same socket)
- Created Smartphone Launcher:
    - Changed Implementation of Smartphone Emulator to not use Visual Studio Load Test Framework
    - Created and implemented a service interface
    - Created a client for this service
- APMAX Performance Stats Commands
    - Added appropriate database table
    - Tied performance stats to the EmulatorClient
    - Handles received messages
    - Extracted MessageContainers from APMaxTestSuite.Common

**Work that is carried over into sprint 3 is as follows:**

- Test APMAX Performance Stats commands
- Add the new smartphone launcher to the Emulator Client
- Investigate some slow database calls in the Emulator Client
- Implement Graphs in Test History
- Implemented Test Summary in Test History
- Implement a way for comparing test runs
- Finalize End-User Documentation ( Tester, Developer )
- Testing the Emulator Client ( Including writing test cases )
- Convert Test / TestRun ComboBox into LookupEdit
- Finish any remaining features for the Test Run Wizard
- Finish Refactoring Setup Tests page