

## Work Diary

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### Work#:1

**Short description:** Declare functions and data members for VersionRecord.h and set up function stubs in VersionRecord.cpp

#### Planned work schedule

Date: 12/09/15, Saturday

Time: Anytime

#### Actual work time

Date: 12/09/15

Time: 12:30pm - 1:30pm

#### Summary of work completed

**Part of the Project:** Implementation

**Files modified:** VersionRecord.cpp (created), VersionRecord.h

**Functions modified:** /

**Description:** Declared data members and functions in the VersionRecord.h.

Created VersionRecord.cpp file and set up stubs for declared functions.

**Defects/problems:** Functions have to be defined.

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## Work#:2

**Short description:** Create base GUI.

### **Planned work schedule**

Date: 14/09/15, Monday

Time: 5:30pm

### **Actual work time**

Date: 14/09/15, Monday

Time: 2:30pm - 3:30pm, 5:30pm - 7:30pm

### **Summary of work completed**

**Part of the Project:** GUI

#### **Files created:**

MyWindow.cpp, MyWindow.h, MyWindow.ui --> Main Window

RetrieveForm.cpp RetrieveForm.h, RetrieveForm.ui --> Retrieve Version Form

GetCommentForm.cpp, GetCommentForm.h, GetCommentForm.ui --> Get Comment Form

**Functions modified:** /

#### **Description:**

Created Main Window, Retrieve Version Form and Get Comment Form in the QtDesigner.

Declared data members and functions in MainWindow.h set up functions stubs in MainWindow.cpp with pseudocode in the comments.

**Defects/problems:** Functionality needs to be implemented. All buttons enabled for now.

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### Work#:3

**Short description:** Implement MyWindow.cpp SelectFile functionality.

#### **Planned work schedule**

Date: 16/09/15, Wednesday

Time: 6:00pm - 08:00pm

#### **Actual work time**

Date: 16/09/15, Wednesday

Time: 6:00pm - 10:00pm

#### **Summary of work completed**

**Part of the Project:** GUI

**Files modified:** MyWindow.h, MyWindow.cpp, GetCommentForm.cpp, GetCommentForm.h

**Functions modified:** MyWindow::MyWindow(), MyWindow::SelectFile(), MyWindow::CreateFirstVersion(), MyWindow::RetrieveVersionDataForFile()

**Description:** Modified constructor to connect pushButton with SelectFile() function and implemented functionality with it. GetCommentForm connected to MyWindow.

**Defects/problems:** Couldn't test if implemented functions work as connection to the database was refused.

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### Work#:4

**Short description:** Fix database connection in NetBeans, test previous work on GUI.

#### **Planned work schedule**

Date: 17/09/15, Thursday

Time: any

### **Actual work time**

Date: 17/09/15, Thursday

Time: 3:30pm - 4:30pm

### **Summary of work completed**

**Part of the Project:** GUI

**Files modified:** none

**Functions modified:** none

**Description:** Fixed database connection issue, tested GUI functionality for SelectFile(), works fine.

**Defects/problems:** Rest of the buttons have to be implemented.

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### **Work#: 5**

**Short description:** Connect rest of the pushButtons with declared slot functions.

### **Planned work schedule**

Date: 21/09/15, Monday

Time: 5:30pm

### **Actual work time**

Date: 21/09/15, Monday

Time: 6:00pm - 10:30pm

### **Summary of work completed**

**Part of the Project:** GUI

**Files modified:** MyWindow.h, MyWindow.cpp

**Functions modified:** MyWindow::MyWindow(), MyWindow::RetrieveVersion()

**Description:**

Connected all buttons to the slots in the MyWindow constructor.

Defined MyWindow::RetrieveVersion():

- selects directory
- shows the path in the lineEdit
- gets output filename from the user

**Defects/problems:** none

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**Work#: 6**

**Short description:** Meeting with Josh to finish off the GUI functionality and identify any modifications required.

**Planned work schedule**

Date: 22/09/15, Tuesday

Time: 3:00pm

**Actual work time**

Date: 22/09/15, Tuesday

Time: 3:00pm - 6:00pm

**Summary of work completed**

**Part of the Project:** GUI

**Files modified:** MyWindow.cpp

**Functions modified:** MyWindow::SetReferenceVersion(),  
MyWindow::ShowComment()

**Description:** Changed initial message boxes in MyWindow::SetReferenceVersion() and MyWindow::ShowComment() to information and question message box.

Fixed Retrieve Version button not to show retrieve form unless there is a version selected.

Fixed exit segmentation fault.

Fixed functionality of Cancel button from CommentForm not to add file/version if cancel is clicked.

**Defects/problems:** none

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## **Work#: 7**

**Short description:** GUI Implementation and Design section for the report and Program Presentation section.

### **Planned work schedule**

Date: 23/09/15

Time: all day

### **Actual work time**

Date: 23/09/15

Time: most of the day

### **Summary of work completed**

Part of the Project: Report

Files modified: report document

Functions modified: /

Description: Wrote GUI documentation necessary for the report.

Defects/problems: /

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