



D8: MAINTENANCE REPORT

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1 Purpose and Description of Document

This report documents maintenance improvements to our Intern Management System implementation.

Due to updating of system requirements by the client combined with flaws made apparent by system testing it became necessary to make several adjustments to the implementation.

1.1 Changes to system requirements

1.2 Adjustments necessary due to resolve current issues

2 Changes

2.1 Role Implementation

2.1.1 Role Status

Approval status changed from a boolean value to an enum (PENDING, APPROVED, WITHDRAWN) due to changes to system requirements.

2.1.2 Role Status

Added grade variable (To allow removal of Visit class) for assignment by visitor due to changes to system requirements.

2.2 Placement Implementation

2.2.1 Placement Role

Role changed from singular to array, allowing several roles to be assigned to the same students placement. Change necessary due to changes to system requirements.

2.2.2 Addition of Approval

Boolean value added to indicate whether placement has been approved by the coordinator. Change necessary due to changes to system requirements.

2.2.3 Addition of Internship Duration Constraint

To be approved a students combined placement roles must sum to at least 12 weeks in duration. Change necessary due to changes to system requirements.

2.2.4 Addition of updateRoleStatus Method

Method added to allow employers to approve a student for a role. Change necessary due to changes to system requirements.

2.3 Visitor Implementation

2.3.1 Assignment to Students

Addition of array of students (to allow removal of Visit class) which the visitor is assigned to. Change necessary due to changes to system requirements.

2.3.2 Addition of assignPlacementGrade Method

Method added to allow a visitor to assign a grade to one of the students he is visiting. Change necessary due to changes to system requirements.

Some suggested appendices are included below. Appendices should be used to include information not completely necessary to the understanding of the main document.

A Glossary

Definitions.