**Date of estimation: 11/22/2013 ROM**

13 sprints: 2 weeks \* 13 sprints = 26 weeks

ROM weeks = 26 sprint weeks + 1 week for holidays (thanksgiving, Christmas, New Year, etc.) + 1 week for PTO = 28 weeks.

ROM weeks = 28 weeks.

Variance range: 25% to 75%. The variance could be negative or positive.

**Assumptions:**

1. 2 week coding sprints
2. 1 week for testing, fixing bugs, and doing deployments. Jorge can work on next sprint for the most part during this week.
3. Jorge's ARB hours per week: 30 (8 hours for library project, 2 non ARB meetings).
4. Milan’s ARB house per week: 20.
5. QA hours per week: 7.5 (25% of development).
6. The business makes the necessary time to meet with the business analyst to document the business requirements.
7. The requirements are defined for each story before the beginning of each sprint.
8. The CRM team will have an API that ARB can call to get a list of all student groups (exclusive, inclusive, friends, etc.) by the beginning of sprint 2.
9. John's team creates an API to create sections. This could be a store procedure that Jorge can call via a web service to create sections. This needs to be done before sprint 8.
10. CMC has a web service in QA and in PROD to transfer students across sections. This needs to be completed before sprint 9.
11. John's team creates an API to inactivate sections. This could be a store procedure that Jorge can call via a web service inactivate sections. This needs to be completed before sprint 10.
12. Only the stories below are in scope. If a new story is added/removed, the ROM needs to be re-calculated.

**Stories:**





