

CSCI 6442

PROJECT ORGANIZATION

The project will be organized into three teams: the integration team, the transaction team and the reporting team. The integration team will be composed of three people; the two programming teams will be similar in size.

Integration team

The members of the integration team will be announced. This will be a team with a rotating chairperson, so there will not be a single person in charge. The integration team will be responsible for the data model – they will develop the data model in coordination with the programming teams. The integration team will have final authority to decide on the data model; however, if a programming team feels that the integration team is insisting on a bad choice for the data model, they can appeal to the professor.

The integration team will be responsible for the nature of interfaces between the software developed by the two programming teams. This interface specification will be developed in coordination with the programming teams, but the integration team will have final authority over it. Here too, if a programming team feels that the integration team is being unreasonable, they can appeal to the professor.

The integration team will be responsible for providing test data that both teams can use to exercise their software. They will also provide the capability for someone who is doing testing to reinitialize the database to the original test data.

The integration team will also be responsible for deciding on the mechanics of testing releases of software and the environments where software will be delivered.

We will have a software delivery every week, that will be demonstrated at class. Demonstrations will be conducted on the operational website. Each team will be given a grade for how their software delivery performs. The team grade at the delivery will be the maximum project grade that anyone on that team can receive for the week. Note that only software that is delivered to the integration team and runs successfully on the operational site will be considered for the grade.

Transaction team

The transaction team will be responsible for the email interfaces, the UI for capturing all of the set up information about homeowners, property manager employees, property manager supervisors, and board members.

They will also be responsible for the UI for capturing actions from email and from telephone calls. They will be responsible for the caps UI for property manager employees to update the status of actions.

They will be responsible for the record keeping that takes place when an action item is closed.

Reporting team

The reporting team will be responsible for all reports that are used by employees, supervisors, and board members.