

SISCALENDAR

SIS.io

THE TEAM - SIS.IO

- Ethan Mick - Project Manager
- Shawn Thompson - Requirements Lead
- Michael Caputo - Design/Architecture Lead
- Zachary Masiello - Test Lead
- Samuel Malachowsky - Faculty Coach

THE SPONSOR - ITS

- Xiuli Gong - Development
- Lisa Hupf - Development
- Rick Myles - Project Manager
- Kim Sowers - Director and Project Sponsor

OVERVIEW

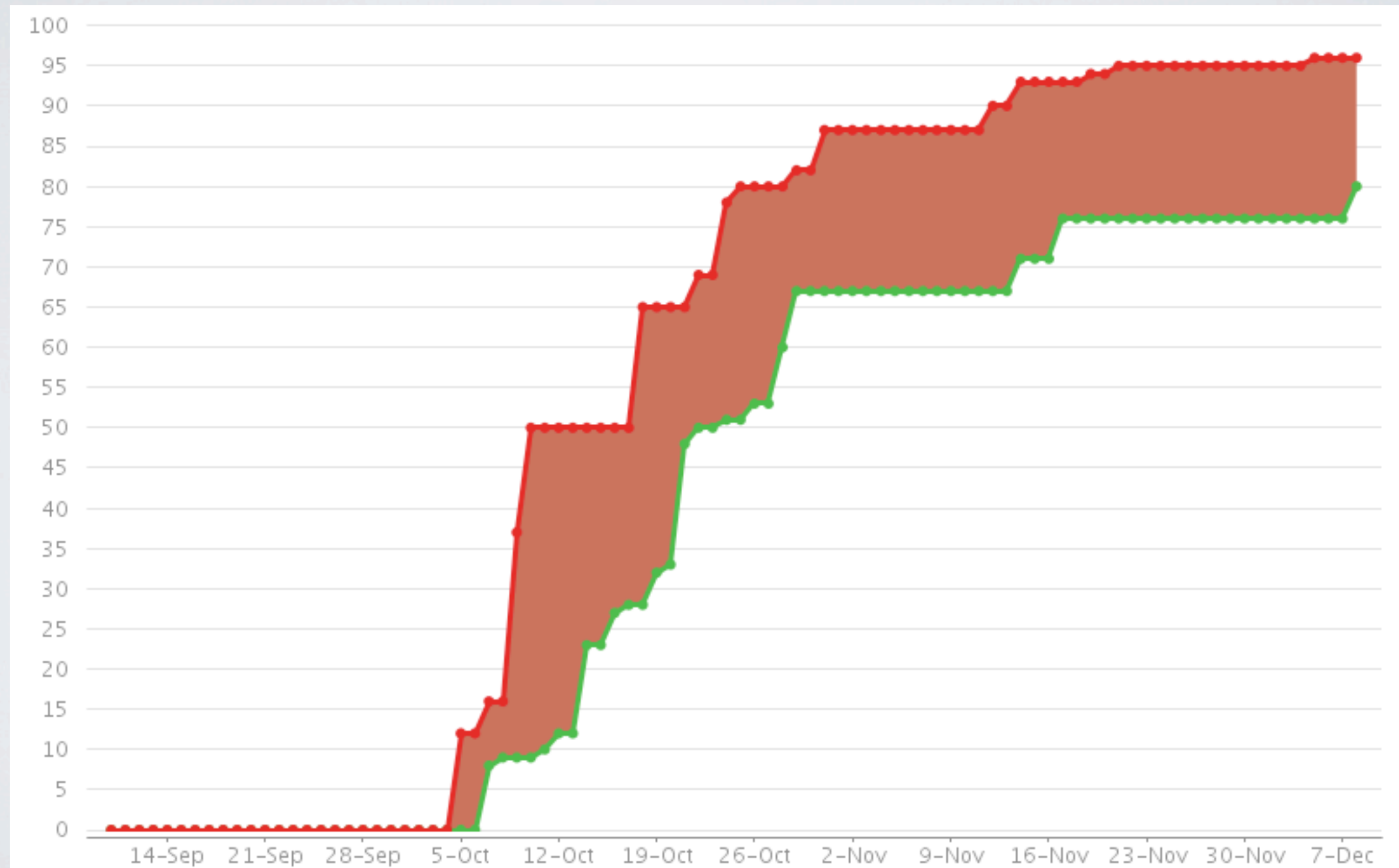
- Student Government Survey showed missing features in SIS
- Web app
 - Download classes as an iCal file.
 - View class location's on the RIT map.

METHODOLOGY

- Evolutionary Prototyping
- Stable set of requirements
- Unfamiliarity with Technology
- Prototype rapidly turned into product

METRICS

JIRA Tasks Created and Resolved

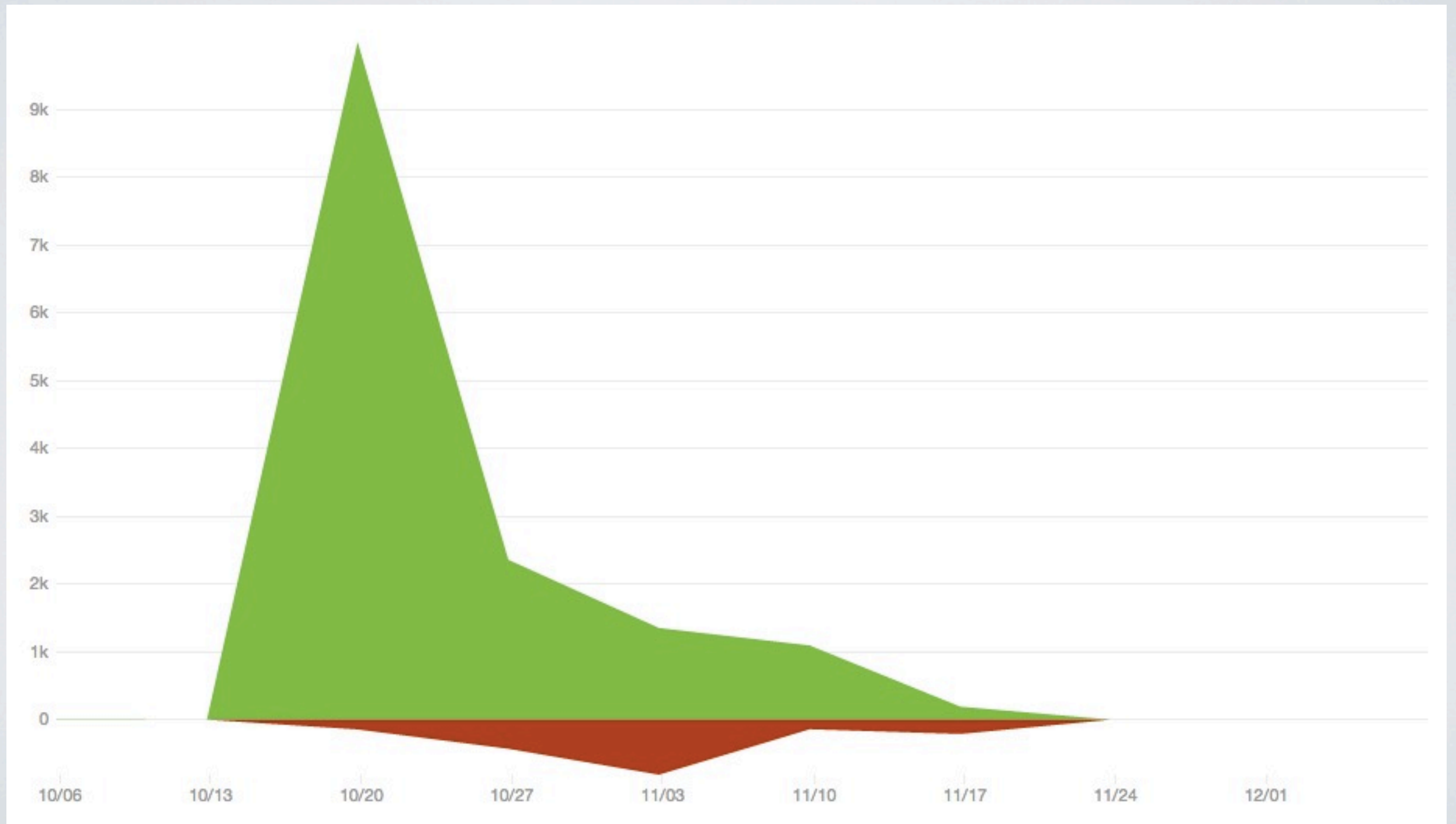


METRICS

- Schedule has 34 deliverables for this semester.
- We've met 31 of them.

METRICS

Code Additions and Removals



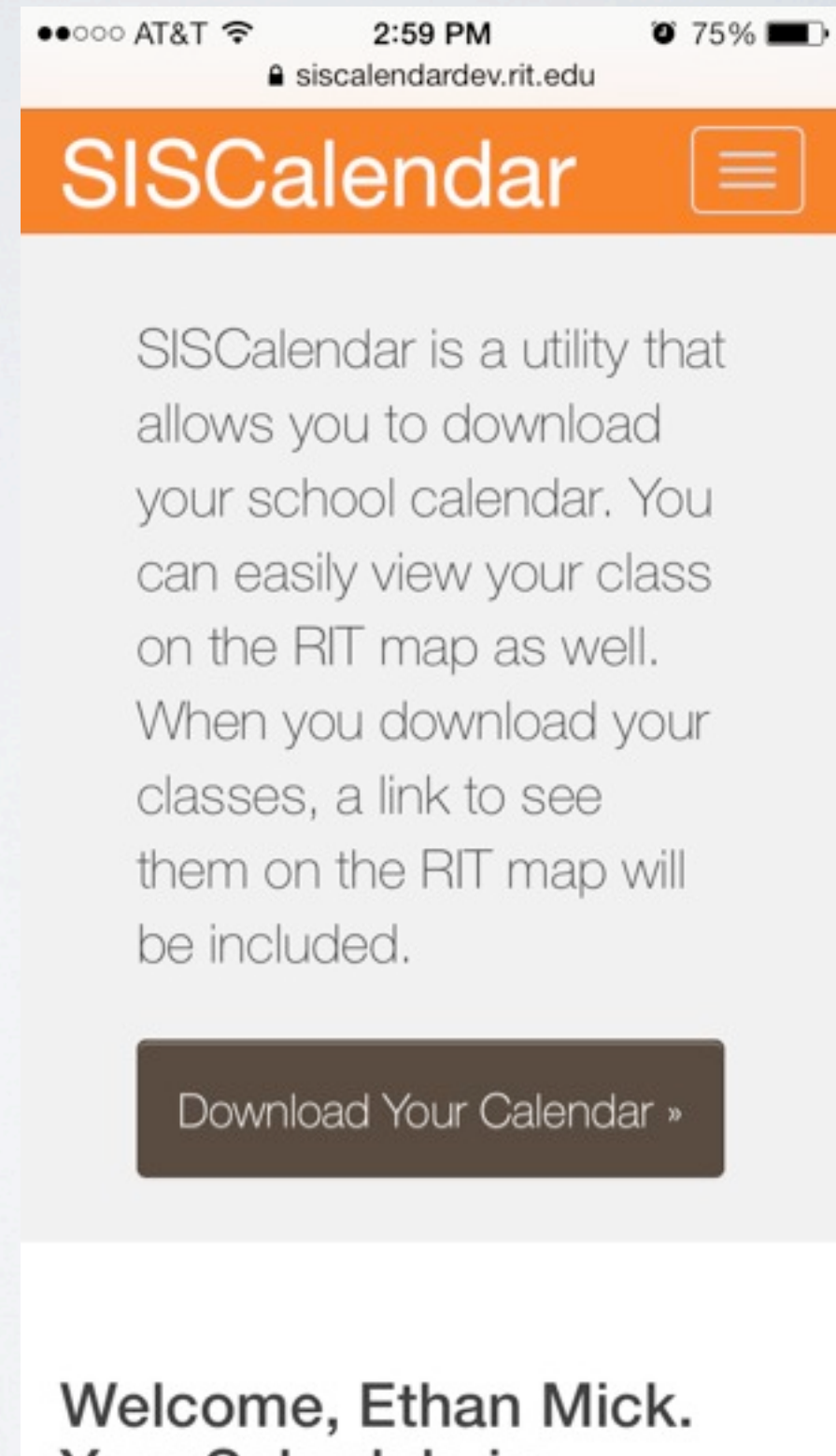
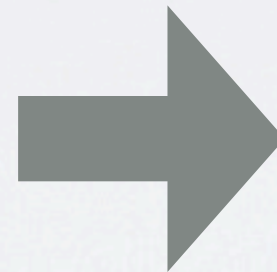
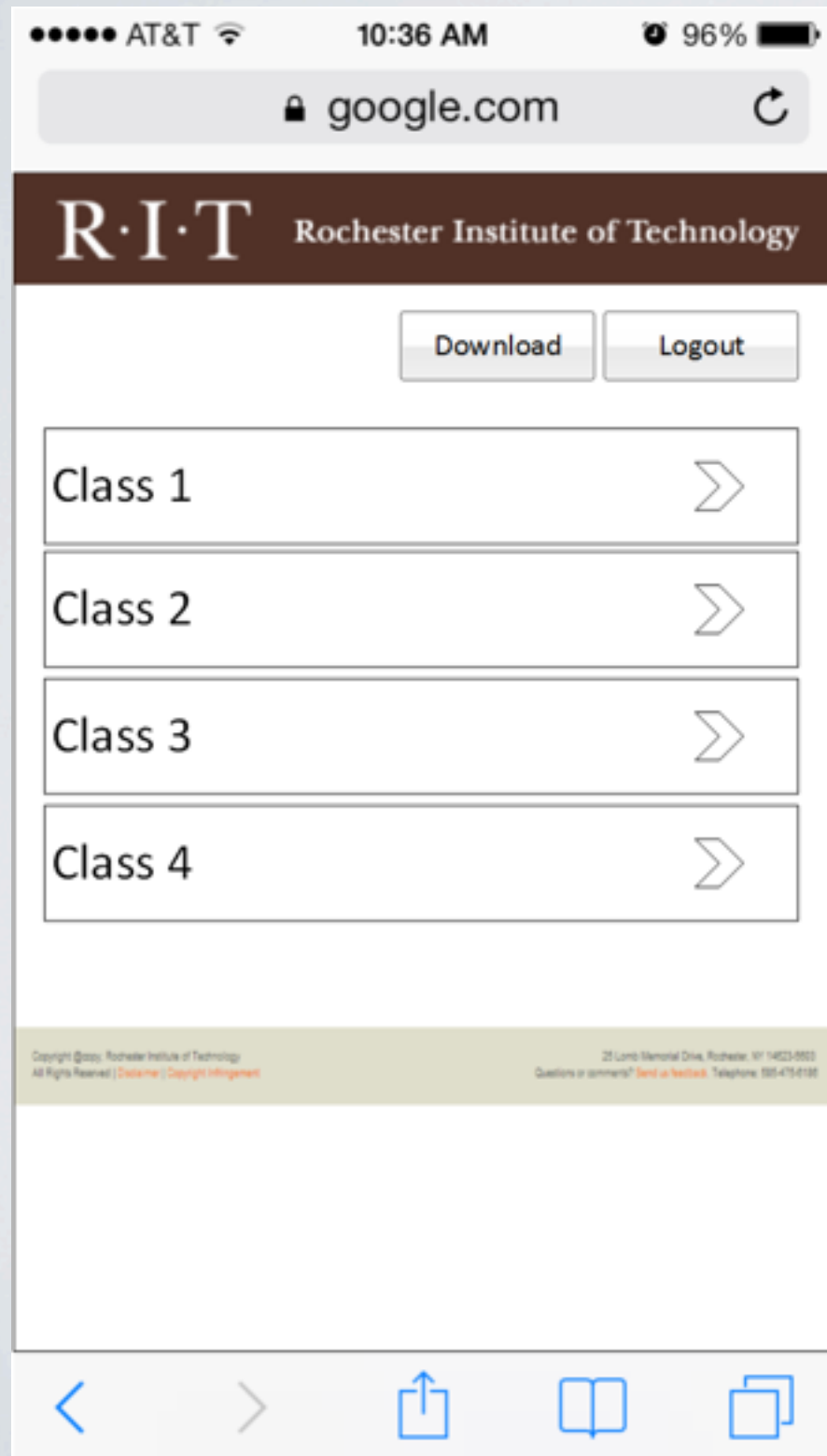
SCOPE

- Three releases total.
- R1 purposefully kept small.
- R1 has all required functionality - but no more.
- All additional features were pushed to R2 or R3.

REQUIREMENTS

- Iterative approach
- Based on project write up
- Met with ITS weekly; discussed requirements
- Stable Set of Requirements for V1
 - Everything else pushed to V2 or V3.

REQUIREMENTS



REQUIREMENTS

- Responsive
- Login
- Download iCal
- View classes on RIT Map

DESIGN PROCESS

- Struts 2
 - Well supported by ITS.
 - Also similar to other recent projects stack.
- Helped set up our server quickly.
- Allowed us to reuse all Authentication code.

DESIGN

Client Side

CSS

normalize

JQuery

Bootstrap

Javascript

Server Side

Struts 2

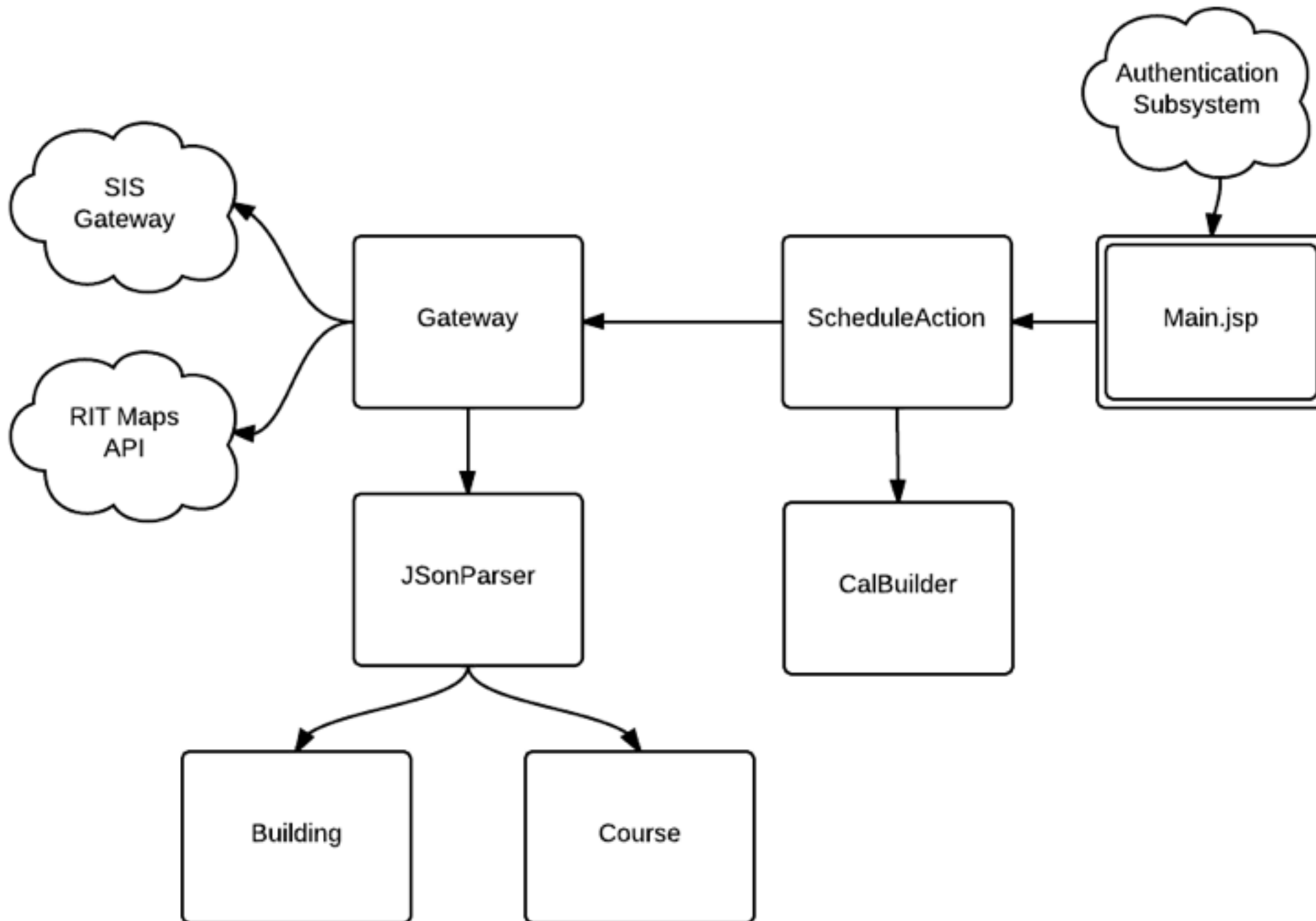
Apache Tomcat

iCal4j

Linux

ANT

DESIGN



IMPLEMENTATION

- Built a Prototype
- Updated Prototype with feedback from ITS
- Repeated until finished.

TESTING

- Usability Testing
- 200+ test cases to run
- Need to figure out the best way to automate

RISK MANAGEMENT

- Living Risk Table
- Center of all meetings.
- Reviewed and updating each week.
- Gave sponsors a weekly update on biggest risks and mitigation plans.

WHAT HAS GONE WELL?

- Development
- ITS has been incredible to work with

WHAT HAS GONE POORLY?

- Late Start
 - Storming as our group came together.
 - Late start made us start slow.
- Have to figure out the proper way to interact with the ITS systems.
- Small bugs in gateway

CURRENT STATUS

- RI is ready for testing.
- Deploying to test this week.
- Testing to take place in next two weeks.

LOOKING FORWARD

- R2 in March; R3 in May
- Lots of new features.
- Methodology transitioning to Scrum.
- Testing during break

DEMO

QUESTIONS?