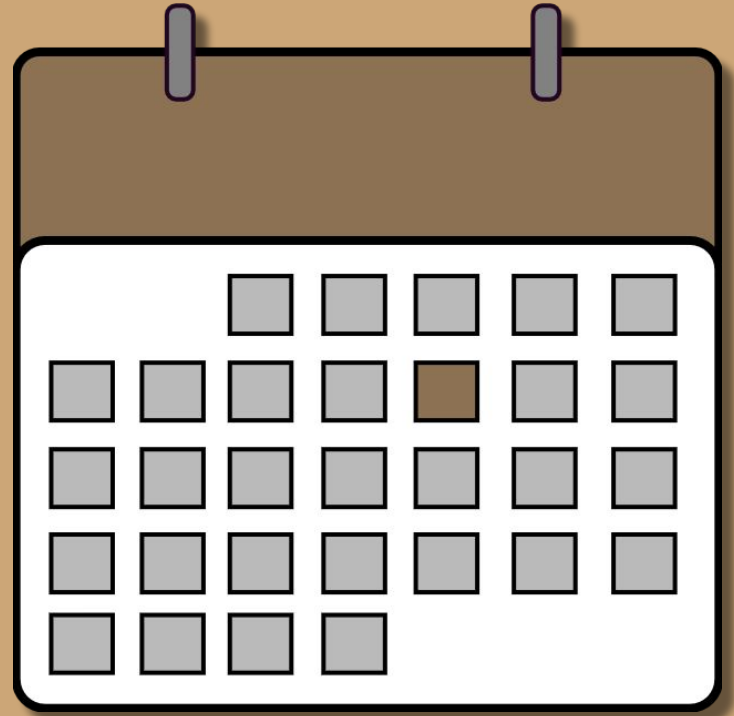


Mini-Intro

Team Magisters



Meet Team Magisters



Junjian Yin: Lead Designer
Andrew Liddell: Web Technician

Daniel Drake: Presentation Coordinator/Editor
Joe Domabyl: Team Lead

Mentor

Volodymyr (Vova) Saruta



Introduction

- So, you're trying to coordinate hundreds of people...
 - Time consuming
 - Frustrating
 - The Butterfly Effect



Some Client Information

Client: DR. VIACHESLAV FOFANOV

- Associate director for graduate programs
- Associate lab coordinator for bioinformatics labs
- Sponsor for the Team Magisters TA coordination project

TA and class schedule responsibilities:

- Responsible for GTA and TA assignment
- Responsible for schedule of graduate classes
- Deciding who is qualified to TA for which classes



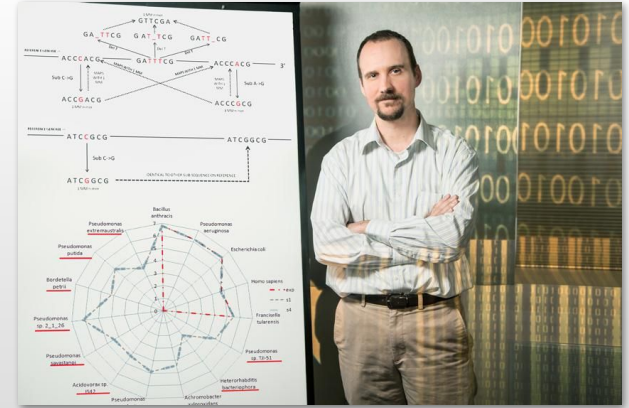
What is the Clients' stake?

Our client, Dr. Fofanov:

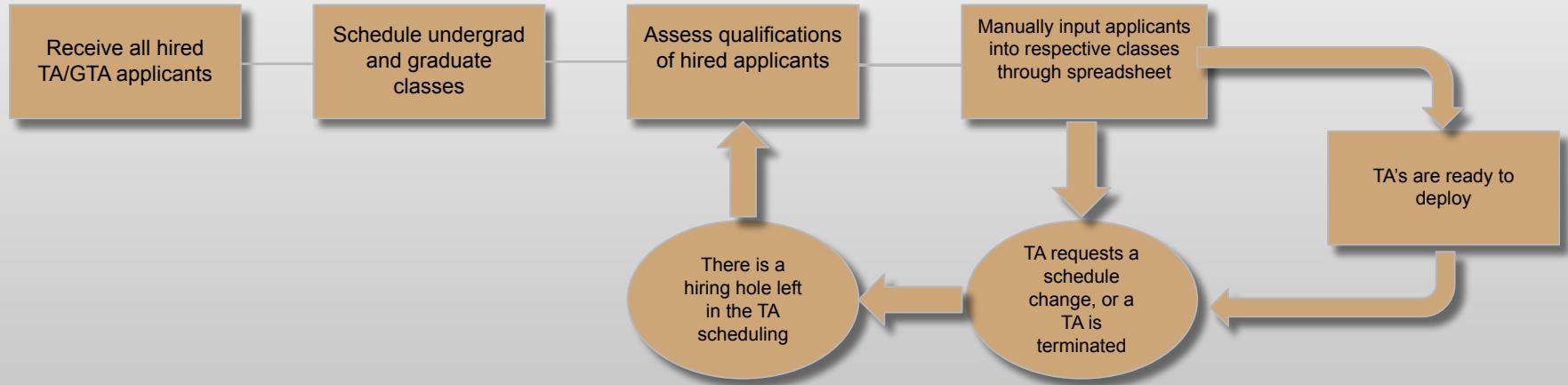
- Works an associate director for the SICCS program
- There are many other associate professors who are responsible for TA/lab assignments
- Generally, the client is also the administrator of the department (not just Fofanov)

Fofanov's request:

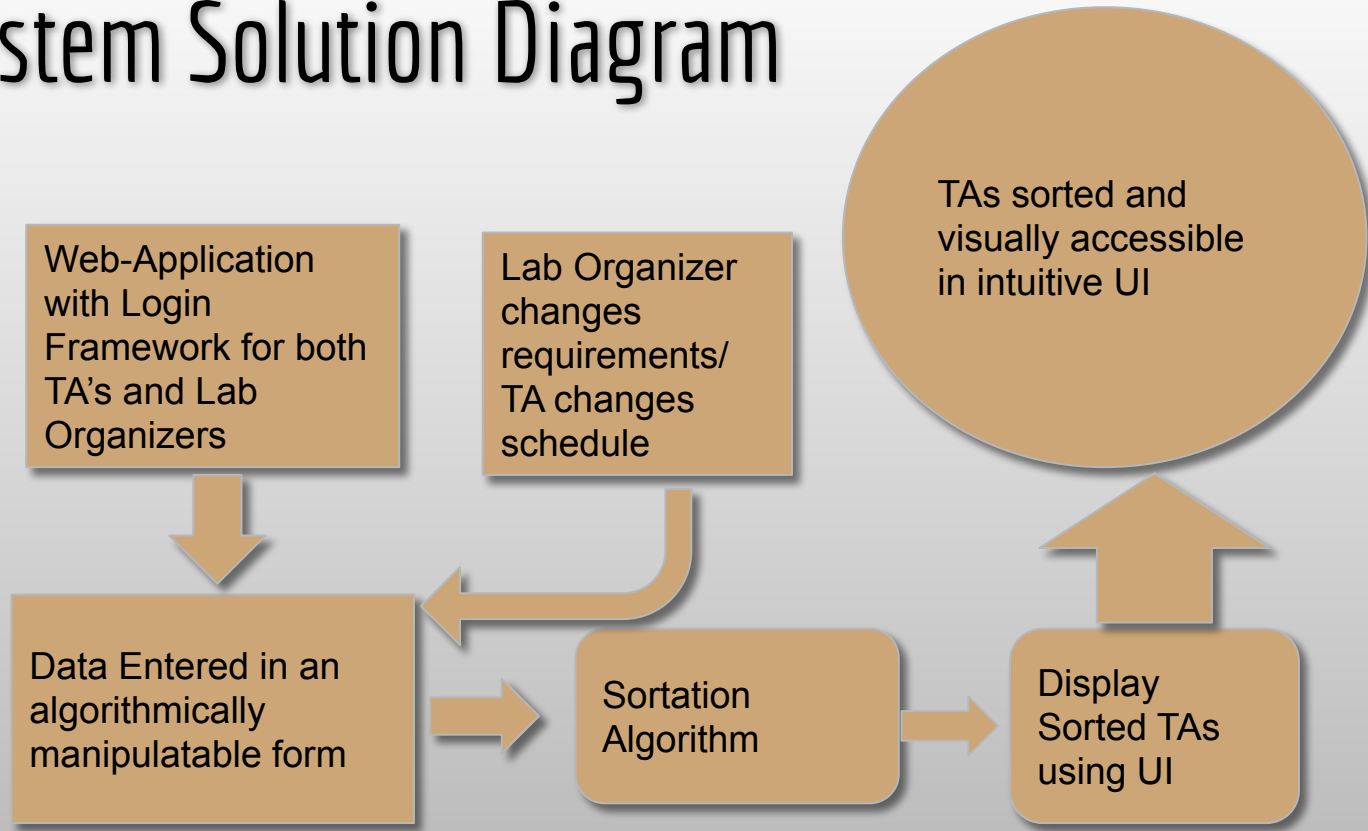
- That we as a team develop an automatic scheduler and assigner for TA's and GTA's
- At first, we make the software suit his needs
- We can then make further stretches to suit the needs of the entire SICCS department



Workflow



System Solution Diagram



Plan for Development

- Requirements acquisition/refinement
 - Web-based application
 - Role-based permissions for TA/GTA and lab organizer
 - GUI
- Technical Investigation
 - Database for TA's info and schedule
 - A clear and easy to use graphical interface
 - Find and implement both web and frontend framework
- Other issues
 - Mobile friendly web

Closing

- Team Magisters are working to create a sophisticated web-based tool for automating and optimizing course staffing requirements for our client, Dr. Fofanov, and hopefully the rest of the SICCS dept.
- It takes him too many hours to manually assign TA's to appropriate labs every semester.
- By automating this scheduling and employee evaluation in a convenient and fast way, we will make organizing labs faster and easier.