

# S.C.O.R.E

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Milestone 6

# Team

- Charlie Collins
- Tommy Gingerelli
- Logan Klaproth
- Michael Komar

## Faculty Advisor/Client

- Dr. Mohan

# Milestone 6

- Finish remaining tasks
- System Deployment
- Conduct test run evaluation
- Create user manuals
- Create demo video

# Milestone 6 Completion Matrix

Task	Completion	Charlie	Logan	Michael	Tommy	To Do
Finish remaining tasks	95%	45%	45%	10%	0%	Multi file submissions
System deployment	85%	30%	0%	70%	0%	Deploy to a permanent location
Conduct test run evaluation	90%	25%	25%	25%	25%	Full class test
Create user manual	100%	10%	30%	0%	60%	N/A
Create demo video	100%	25%	25%	25%	25%	N/A

# Finish Remaining Tasks

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- Reworked test cases to be a json
- Finished assignment creation and submission
- Added OAuth to the web app
- Created a first time login page
- Made the create course page
- Made the edit course page
- Polished css

# Create Demo Video

# Demo Videos

## Professor View

<https://youtu.be/KgvIDhb6MSQ>

## Student View

[https://youtu.be/9DTEeQWaN\\_D0](https://youtu.be/9DTEeQWaN_D0)



# System Deployment

# System Deployment

- The web app and command line server is deployed on Ubuntu Server 24
- Behind an NGINX web server for reverse proxy and HTTPS certificates.
- The server-side application has an install script to manage system level dependencies.
  - NodeJS, Python, Rust, as well as package dependencies
  - NGINX, MongoDB

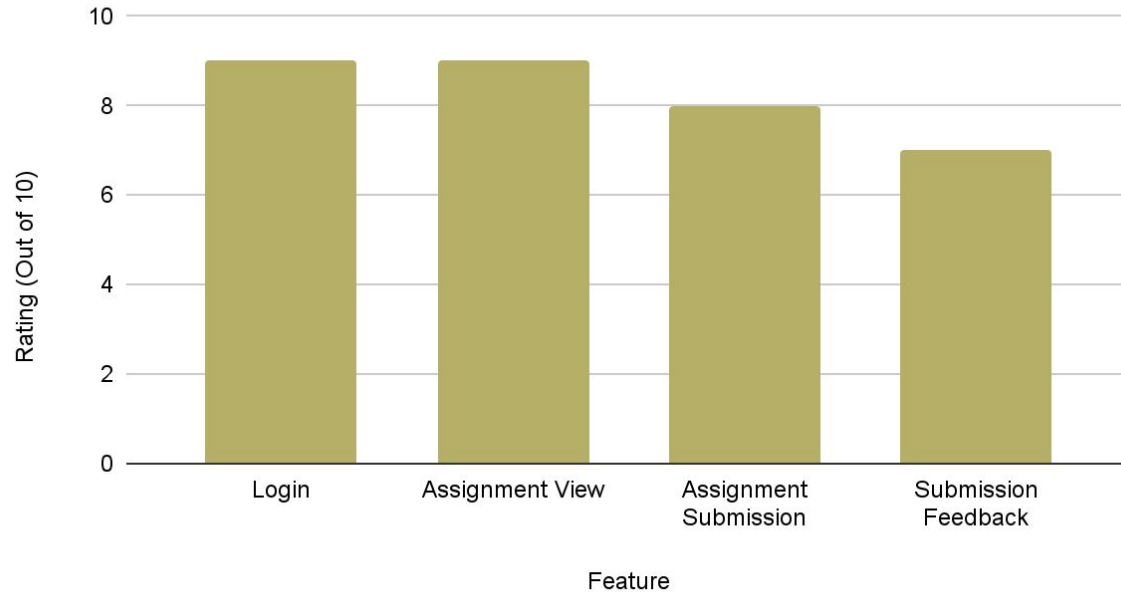
# Test Run Evaluation

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- Demoed to the competitive programming club
- Dr. Mohan created an assignment
- Students did the following:
  - Created an account
  - Viewed an assignment
  - Submitted to the assignment
  - Viewed submission feedback
- After the demo, students were given a survey

# Evaluation Results

User Rating of Features



# Create User Manuals

# Create User Manuals

- Three manuals were created
  - 1.) Student manual
  - 2.) Professor manual
  - 3.) Developer manual

# Lessons Learned

- Importance of systems level planning
- Co development of interfaces
- Better communication
- Time management



# Questions?

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