

## Iteration 3

### Customer Meeting

We successfully implemented the data transmission between frontend and backend.

We set up the goal for iteration 4: improve the legacy algorithm and fix some bugs.

### User Stories

For this iteration, we completed user stories that were listed in iteration 2.

**Feature:** Show schedule successfully

As a student, I can see what I added to my schedule before. I also can edit them when needed.

mytest				
Mandatory	Day	StartTime	EndTime	Reason
Yes	Monday	09:50	11:50	CSCE-606-600
Yes	Wednesday	13:50	15:50	private affair
No	Tuesday	12:00	13:20	CSCE-629-600
Edit Schedule      Back to Home				

**Feature:** Edit student's urgent status

As an admin, I want to be able to change student's urgent status manually and save the update the the database.

Alli	M	alli@tamu.edu	403828492	false	Edit	Delete
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**Edit Alli M**

First Name	Last Name	TAMU Email	UIN	Urgent
Alli	M	alli@tamu.edu	403828492	<input checked="" type="checkbox"/>

[Update](#)   [Cancel](#)

Alli	M	alli@tamu.edu	403828492	true	Edit	Delete
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## Test Coverage

We worked on improving the test coverage which was initially 59.6%. We made sure that every new feature we worked on is covered by BDD or unit tests. Besides, we inspected the code for refactoring and removing the unnecessary parts. In its current state, the ZLP Scheduler project has 83.29% coverage.

### All Files ( 83.29% covered at 184.88 hits/line )

28 files in total.

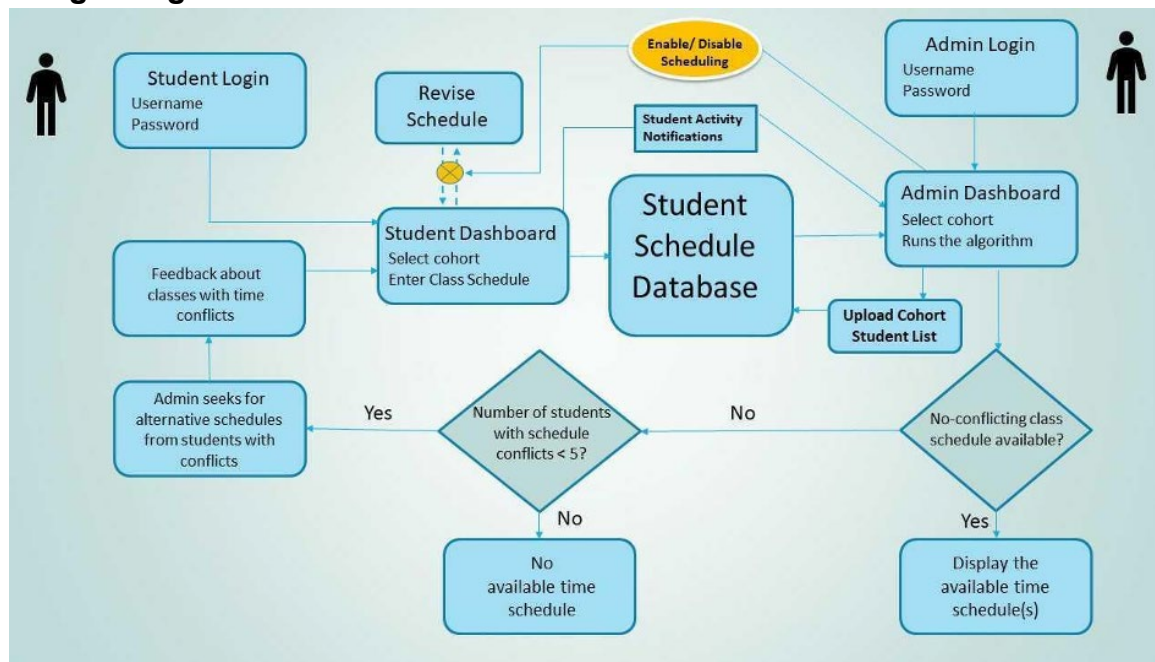
748 relevant lines, 623 lines covered and 125 lines missed. ( 83.29% )

Search:

File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
app/mailers/application_mailer.rb	0.00 %	4	3	0	3	0.00
app/models/course.rb	30.43 %	88	46	14	32	0.74
app/models/term.rb	39.13 %	41	23	9	14	1.57
app/models/subject.rb	61.54 %	17	13	8	5	3.08
app/controllers/users_controller.rb	67.23 %	178	119	80	39	2.80
app/helpers/course_scraper.rb	82.76 %	90	58	48	10	15.62
app/models/user.rb	83.33 %	35	18	15	3	66.78
app/controllers/application_controller.rb	92.31 %	24	13	12	1	278.92
app/controllers/admin_controller.rb	95.06 %	254	162	154	8	8.53
app/controllers/student_controller.rb	95.33 %	214	150	143	7	29.55
app/controllers/concerns/scheduler_2.rb	96.00 %	143	75	72	3	1665.15
app/controllers/sessions_controller.rb	100.00 %	40	27	27	0	48.11

🔍 app/helpers/application_helper.rb	100.00 %	2	1	1	0	2.00
🔍 app/helpers/login_helper.rb	100.00 %	2	1	1	0	2.00
🔍 app/helpers/password_resets_helper.rb	100.00 %	2	1	1	0	2.00
🔍 app/helpers/sessions_helper.rb	100.00 %	2	1	1	0	2.00
🔍 app/helpers/student_actions_helper.rb	100.00 %	2	1	1	0	2.00
🔍 app/helpers/users_helper.rb	100.00 %	2	1	1	0	2.00
🔍 app/helpers/view_terms_helper.rb	100.00 %	2	1	1	0	2.00
🔍 app/jobs/application_job.rb	100.00 %	2	1	1	0	2.00
🔍 app/jobs/load_courses_job.rb	100.00 %	10	6	6	0	5.00
🔍 app/models/application_record.rb	100.00 %	3	2	2	0	2.00
🔍 app/models/cohort.rb	100.00 %	5	4	4	0	2.00
🔍 app/models/conflict.rb	100.00 %	6	5	5	0	2.00
🔍 app/models/schedule.rb	100.00 %	5	4	4	0	2.00
🔍 app/models/schedule_to_course.rb	100.00 %	4	3	3	0	2.00
🔍 app/models/student_action.rb	100.00 %	11	6	6	0	3.83
🔍 app/models/time_slot.rb	100.00 %	4	3	3	0	2.00

## Design Diagram



## Links

GitHub: <https://github.com/RuichenNi/TAMU-ZachryLeadershipScheduler>

## Heroku:

- This Heroku is not the client's, but is a personal deployment for us to work on. The final deployment will be on the client's heroku.

