

Project 3: Automating Database Question Generation and Marking - Team A

July 21 - July 26

Task Summary

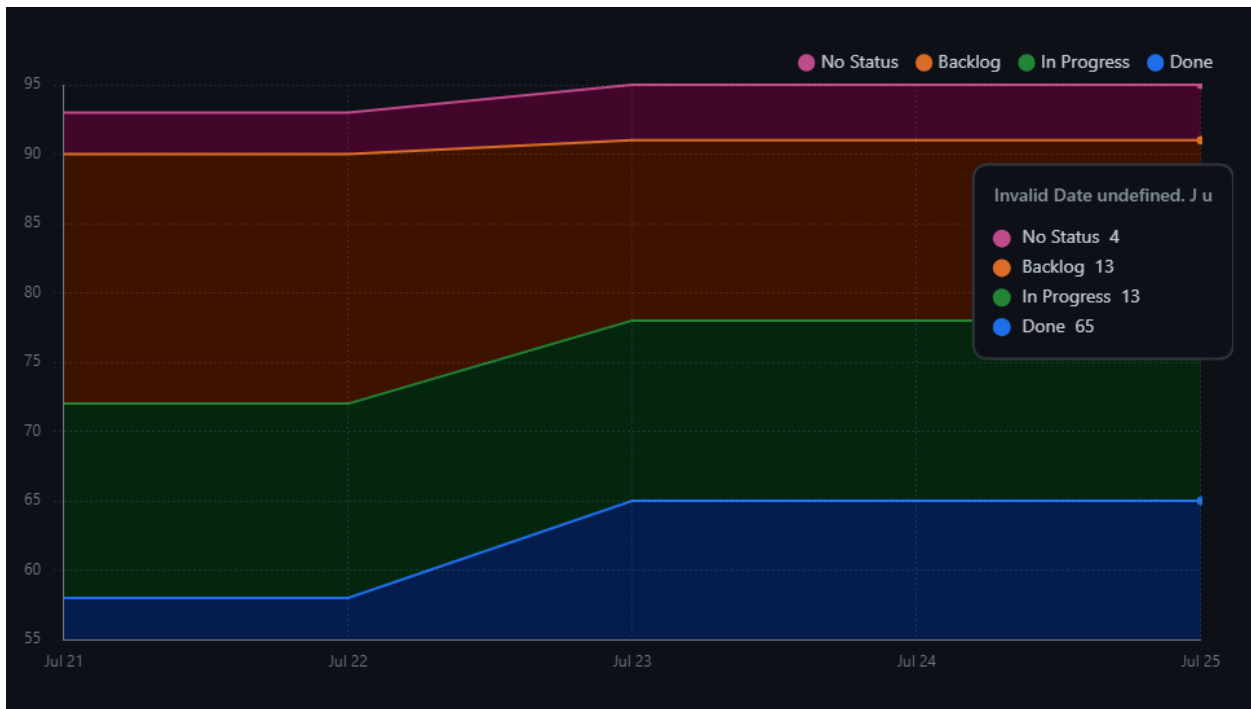
Completed since last meeting:

1	SQL/DDDL - UPDATE-style Generation Parameterization #156	Finkch	Done	Jul 25, 2023	Medium
2	SQL/DDDL - DELETE-style Generation Parameterization #157	Finkch	Done	Jul 25, 2023	Medium
3	SQL/DDDL - QUERY-style Generation Parameterization #158	Finkch	Done	Jul 25, 2023	Large
4	RelaX - Autograding - Output matching #183	azipis	Done	Jul 25, 2023	Medium
5	SQL/DDDL - Subqueries #226	Finkch	Done	Jul 25, 2023	Medium
6	Frontend - Keep last submission in editors #221	azipis	Done	Jul 25, 2023	Small
7	RelaX - Autogenerator - Database Data #29	Finkch and MatthewObirek	Done	Jul 23, 2023	Medium
8	RelaX - Execute RelaX on backend #182	azipis	Done	Jul 22, 2023	Large
9	SQL/DDDL - Output Grading - Query #189	nishant-sr	Done	Jul 22, 2023	Medium
10	SQL/DDDL - Output Grading - Create #190	nishant-sr	Done	Jul 22, 2023	Small
11	SQL/DDDL - Output Grading - Insert #206	nishant-sr	Done	Jul 22, 2023	Small
12	SQL/DDDL - Output Grading - Update #204	nishant-sr	Done	Jul 22, 2023	Small
13	SQL/DDDL - Output Grading - Delete #205	nishant-sr	Done	Jul 22, 2023	Small
14	Show expected output #212	nishant-sr	Done	Jul 22, 2023	Medium

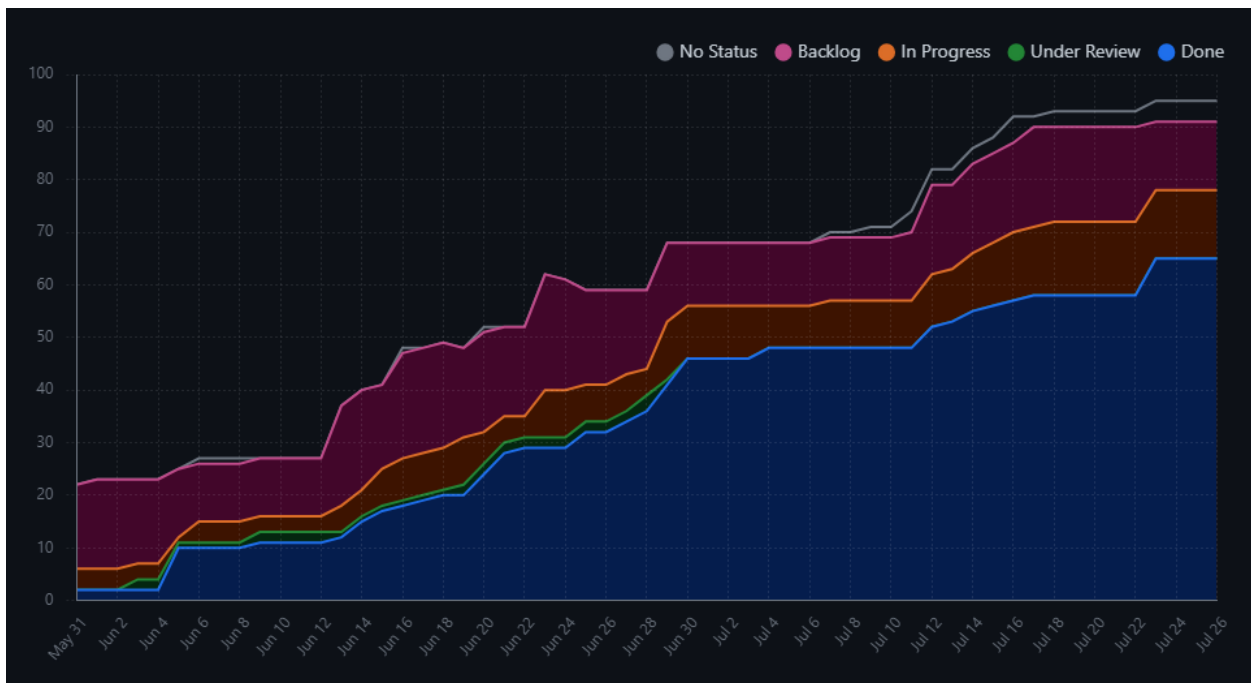
Currently In progress:

1	RelaX - Write Autograder Tests #60	azipis and nishant-sr	In Progress	Small
2	SQL/DDDL - Write Autograder Tests #57	Finkch and nishant-sr	In Progress	Medium
3	RelaX - Autogenerator - Question variation #178	MatthewObirek	In Progress	
4	SQL/DDDL - Submission feedback #223	nishant-sr	In Progress	Small

Burnup since last meeting:



Overall Burnup:



Testing:

UI / Integration:

- SQL Editor : **Pass**
- Relax Editor : **Pass**

Unit:

- Autogenerator
 - SQL : **Pass**
 - Relax : **Fail**
- Autograder
 - SQL : **Pass**
 - Relax : **Fail**

Performance:

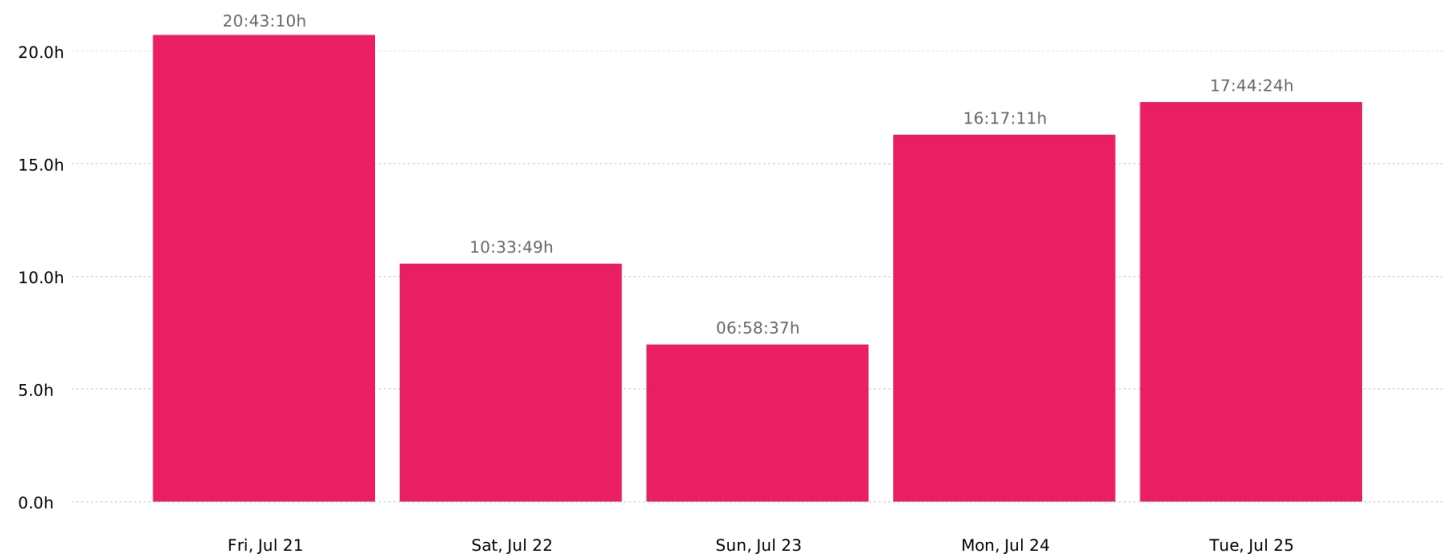
- The system will support all COSC 304 users simultaneously – about 200 students : **Fail**
- The system will ensure data integrity and preservation so that no data is lost upon submission : **Fail**
- The system will display entered queries within 3 seconds at scale and under optimal conditions : **Fail**
- The system will return automarked submissions within 5 seconds at scale and under optimal conditions : **Fail**

Summary report

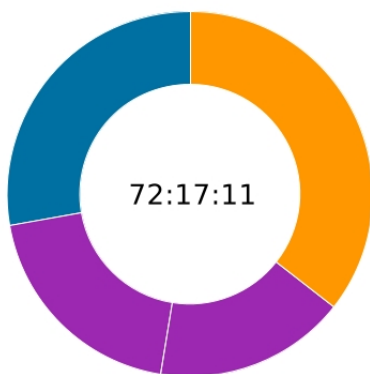
07/21/2023 - 07/25/2023



Total: 72:17:11

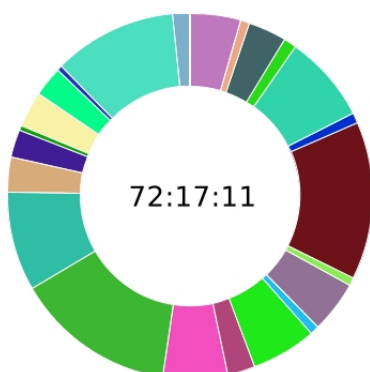


User



Andrei Zipis	20:03:25	27.75%
Matthew Obirek	14:15:26	19.72%
Nishant Srinivasan	12:13:39	16.92%
Skyler A.	25:44:41	35.61%

Description



Bug fix in relax output matching	00:03:34	0.08%
Branch Cleanup + Managing Boards	01:03:34	1.47%
#183 RelaX - Autograding - Output matching	07:53:32	10.92%
Report Meeting	00:19:06	0.44%
Frontend-Backend Table Split	01:55:21	2.66%

● Code Review	02:15:59	3.14%
● Logs	00:19:11	0.44%
● SQLiteDB Gradin Testing	01:47:23	2.48%
● #221 Frontend - Keep last submission in editors	02:12:26	3.05%
● #182 RelaX - Execute RelaX on backend	06:18:54	8.74%
● Team Meeting	10:17:26	14.24%
● Database Autogeneration - table referencing - Bug fixes	04:06:12	5.68%
● Database Autogeneration - Bug Fixes	01:46:57	2.47%
● Question Autogen	04:07:40	5.71%
● SQL/DDl Feedback	00:37:05	0.86%
● SQLiteDB Grading	03:16:14	4.52%
● Code Formatting/Refactoring	00:30:19	0.70%
● Question Parameterization	10:06:14	13.98%
● logs	00:38:24	0.89%
● Subqueries	05:35:51	7.74%
● Github Submodule	00:51:31	1.19%
● Question Improvement and Refactoring	02:25:08	3.35%
● Local Docker/Repo/PL Issues	00:36:46	0.85%
● Expected Output Preview	03:12:24	4.44%

User / Description	Duration
Andrei Zipis	20:03:25
Bug fix in relax output matching	00:03:34
#183 RelaX - Autograding - Output matching	07:53:32
#221 Frontend - Keep last submission in editors	02:12:26
#182 RelaX - Execute RelaX on backend	06:18:54
Team Meeting	02:43:28

Github Submodule	00:51:31
Matthew Obirek	14:15:26
Database Autogeneration - table referencing - Bug fixes	04:06:12
Database Autogeneration - Bug Fixes	01:46:57
Question Autogen	04:07:40
Team Meeting	03:36:13
logs	00:38:24
Nishant Srinivasan	12:13:39
Branch Cleanup + Managing Boards	01:03:34
Report Meeting	00:19:06
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Team Meeting	00:31:37
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Skyler A.	25:44:41
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Team Meeting	03:26:08
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Question Improvement and Refactoring	02:25:08