

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

July 14 - July 19

Task Summary

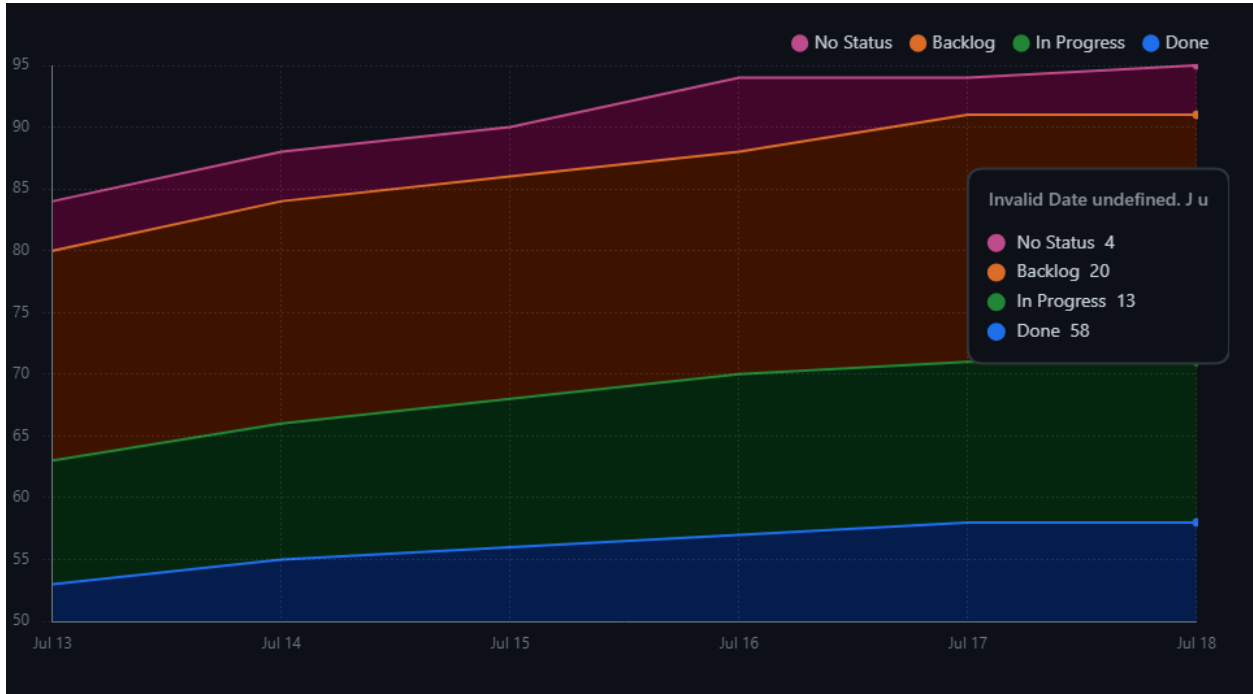
Completed since last meeting:

1	SQL/DDDL - INSERT-style Generation Parameterization #155	Finkch	Done	Jul 17, 2023	Small
2	UI/Integration Testing - SQL Editor #166	nishant-sr	Done	Jul 16, 2023	Small
3	SQL/DDDL - CREATE-style Generation Parameterization #154	Finkch	Done	Jul 16, 2023	Medium
4	SQL/DDDL - Noisy Data Testing #202	Finkch	Done	Jul 15, 2023	Small
5	SQL/DDDL - Noisy Data Generator Refactor #193	Finkch	Done	Jul 14, 2023	Medium
6	Updating question type for static questions #200	nishant-sr	Done	Jul 14, 2023	X-Small

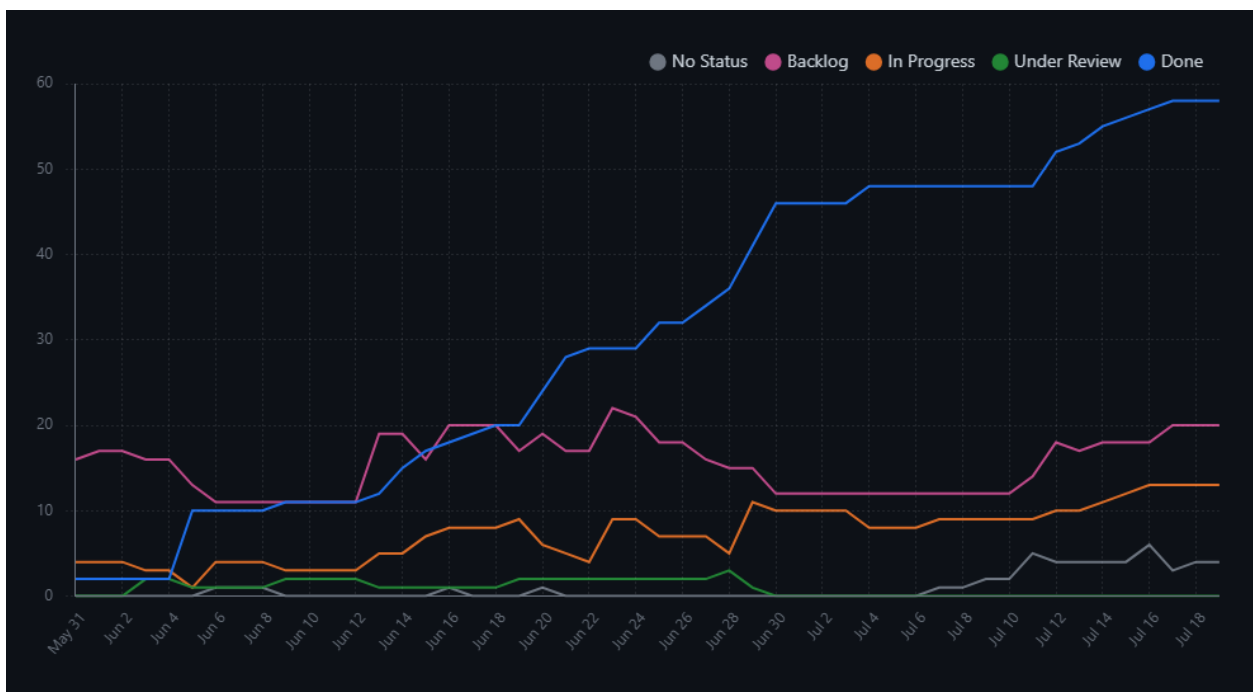
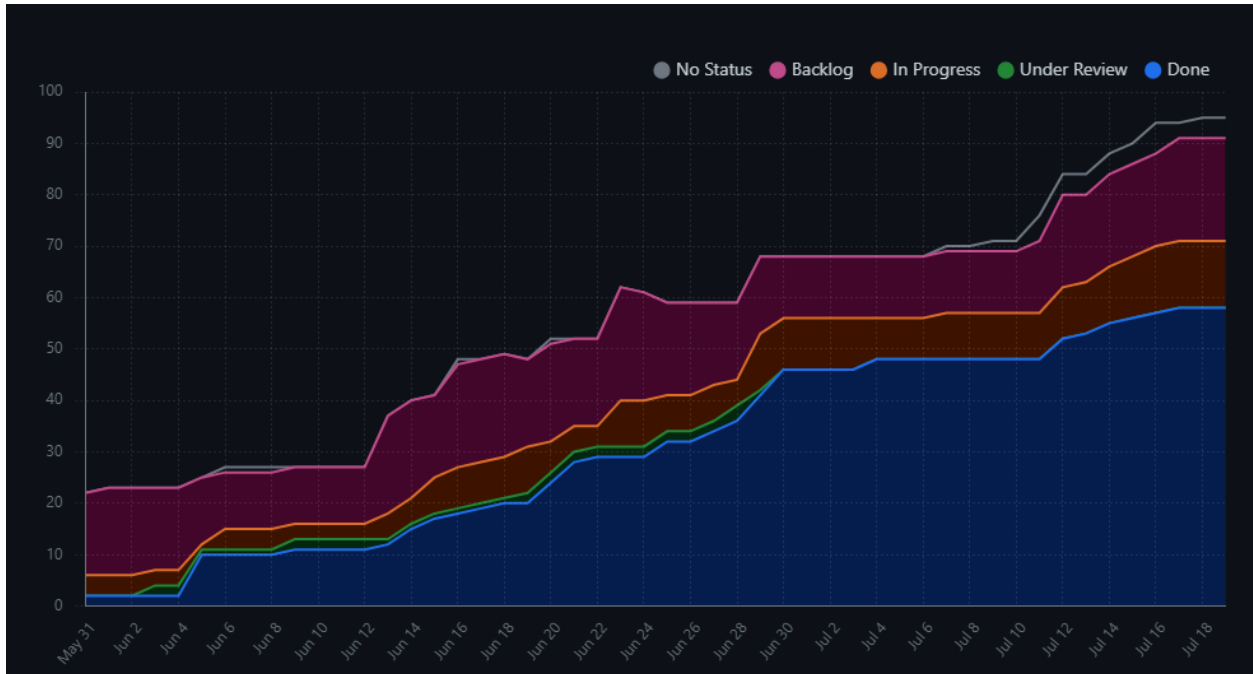
Currently In progress:

1	RelaX - Autogenerator - Database Data #29	Finkch and Matthe...	In Progress		
2	SQL/DDDL - Write Visualizations Tests #56	azipsis and nishant-sr	In Progress	X-Small	
3	SQL/DDDL - Write Autograder Tests #57	azipsis, Finkch, and...	In Progress	Medium	
4	Testing SQL Autograder - OutputGrading Query #122	nishant-sr	In Progress	Medium	
5	SQL/DDDL - UPDATE-style Generation Parameterization #156	Finkch	In Progress	Medium	
6	RelaX - Execute RelaX on backend #182	azipsis	In Progress	Small	
7	SQL/DDDL - Output Grading - Query #189	nishant-sr	In Progress	Medium	
8	SQL/DDDL - Output Grading - Create #190	nishant-sr	In Progress	Medium	
9	SQL/DDDL - Output Grading - Insert #206	nishant-sr	In Progress	Small	
10	SQL/DDDL - Output Grading - Update #204	nishant-sr	In Progress	Small	
11	SQL/DDDL - Output Grading - Delete #205	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 : **Fail**
 - RelaX : **Fail**

Performance:

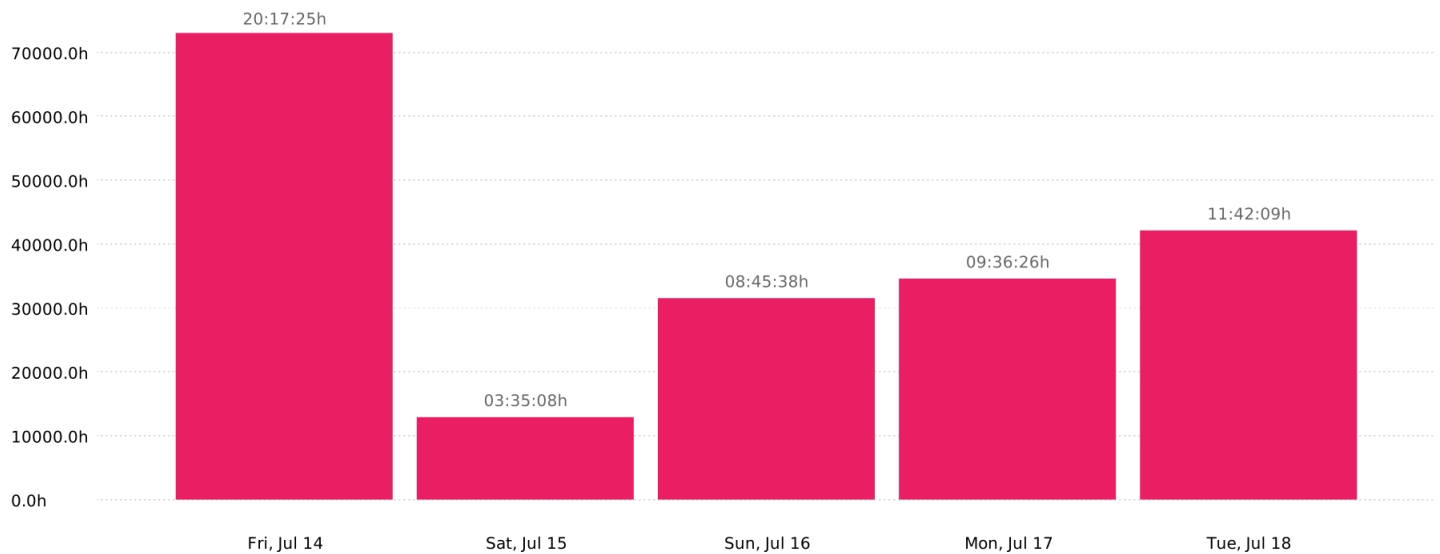
- The system will support all COSC 304 users simultaneously – about 200 students : **Fail**
- The system will ensure data integrity and preservation so that no data is lost upon submission : **Fail**
- The system will display entered queries within 3 seconds at scale and under optimal conditions : **Fail**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

Summary report

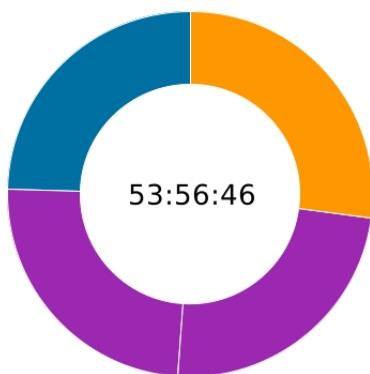
07/14/2023 - 07/18/2023



Total: 53:56:46

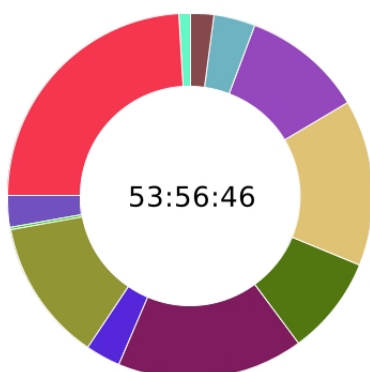


User



Andrei Zipis	13:16:34	24.61%
Matthew Obirek	13:08:39	24.37%
Nishant Srinivasan	12:52:55	23.88%
Skyler A.	14:38:38	27.15%

Description



Report Meeting	00:31:47	0.98%
Team Meeting	12:55:18	23.95%
Design and Testing	01:30:32	2.80%
logs	00:08:25	0.26%
Database Autogeneration	06:45:58	12.54%

● SQLiteDB Gradin Testing	01:41:06	3.12%
● #182 RelaX - Execute RelaX on backend	08:52:21	16.45%
● Random Data Generation	04:44:12	8.78%
● SQLiteDB Grading	07:53:24	14.63%
● Question Parameterization	05:46:15	10.70%
● logs/meeting Prep	01:58:51	3.67%
● ui testing	01:08:37	2.12%

User / Description	Duration
Andrei Zipis	13:16:34
#182 RelaX - Execute RelaX on backend	08:52:21
Team Meeting	04:24:13
Matthew Obirek	13:08:39
Database Autogeneration	06:45:58
Team Meeting	04:23:50
logs/meeting Prep	01:58:51
Nishant Srinivasan	12:52:55
Report Meeting	00:31:47
Team Meeting	01:29:36
logs	00:08:25
SQLiteDB Gradin Testing	01:41:06
SQLiteDB Grading	07:53:24
ui testing	01:08:37
Skyler A.	14:38:38
Design and Testing	01:30:32
Random Data Generation	04:44:12

Team Meeting	02:37:39
Question Parameterization	05:46:15