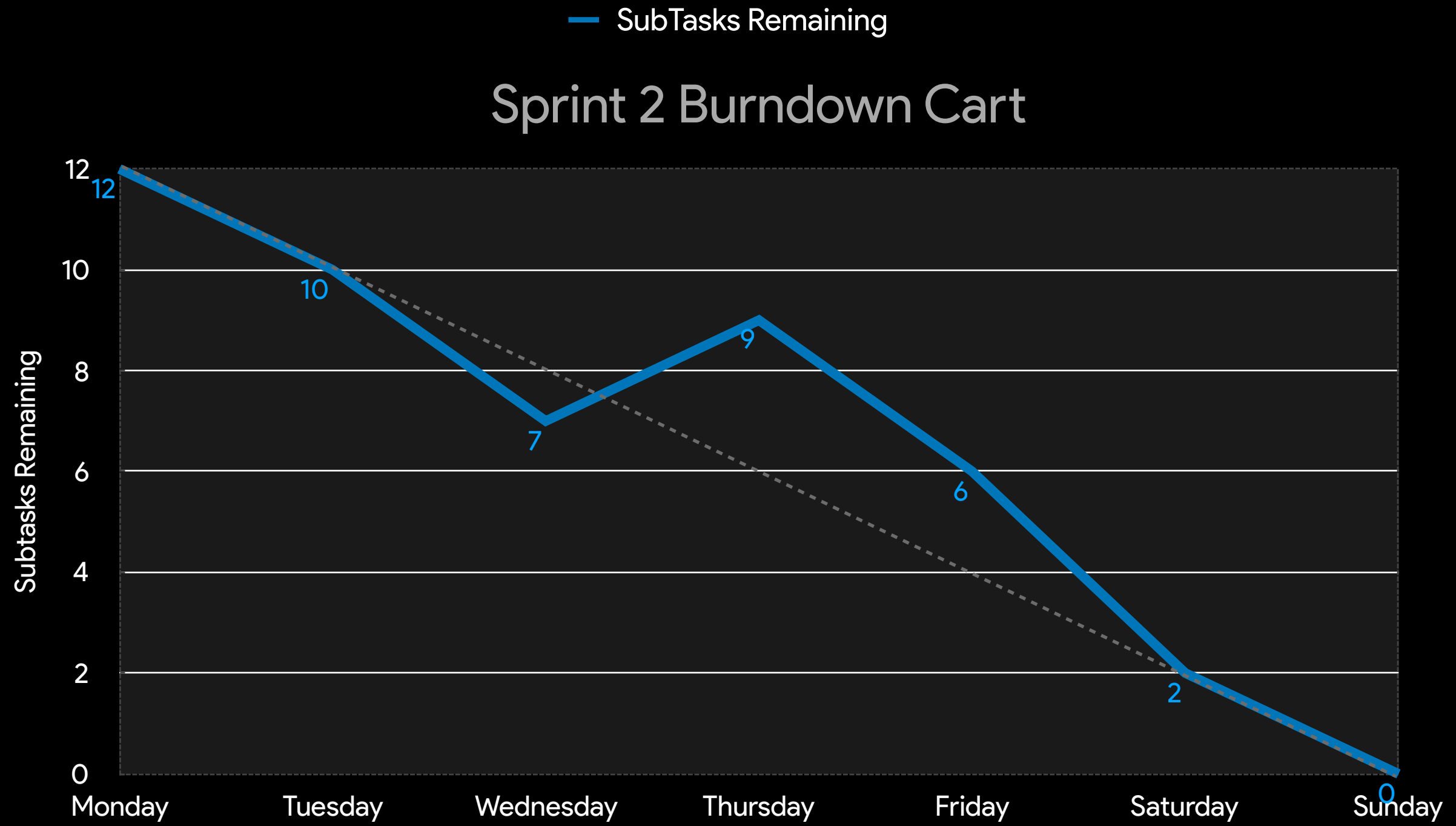


UTASK

CSCC01 Software Development Team

Sprint 2 Burndown Chart



Sprint 3 Analysis

Problems

Following our meeting with a TA on Thursday afternoon, we realized that we were a little behind schedule. The TA further recommended that we restructure our project to better reflect industry standards in using and maintaining the database.

Close Analysis

Our team had intended to use Sprints 1 and 2 mostly for researching the APIs that we were going to use in the project, and learning new technical skills such as server side languages and HTML/CSS for web development. Because of this, we were slightly delayed in setting up our database, and writing the classes that work with it in Sprint 2.

By the start of Sprint 3, the database had been set up, and the team had begun simultaneously working on the front end (HTML and CSS) and back end (Connecting to the database, setting up the server, and implementing the database methods as Kara had originally outlined in the starter code package and CRC Cards). We realized, however, that this overcomplicated (and redundant) set of database methods could be drastically improved using built-in database methods and SQL queries.

Following the meeting, the team decided to immediately begin restructuring the starter code package so that program can directly make use of the database's insert, delete, and modifying methods with SQL queries, using at most one extra helper class as to provide an additional level of abstraction and reduce overall complexity.

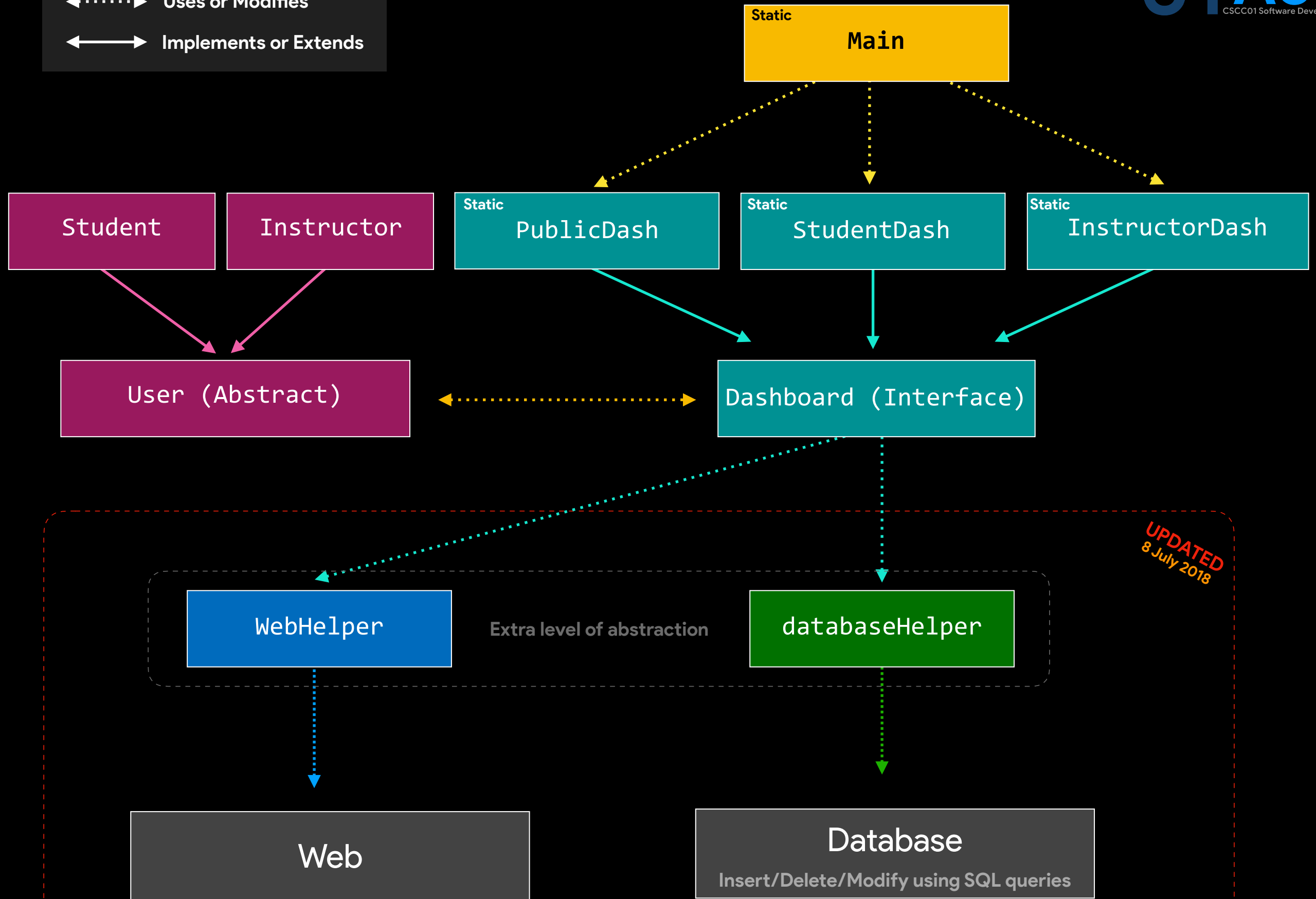
In order to make up for lost time in restructuring the project, more hours were dedicated in the later half of the sprint to complete the database and its new methods; begin researching and implementing web search functionality, and work on the mid-level classes in the project with the goal of having a functional program by the end of Sprint 4.

The burndown chart on Slide 2 reflects our progress throughout the sprint, with the spike on Thursday reflecting the extra work to restructure the starter code and write SQL queries.

Relationship Key

◄.....► Uses or Modifies

◄=====► Implements or Extends



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