CIS3760 - TEAM 306

SPRINT 3 RETROSPECTIVE

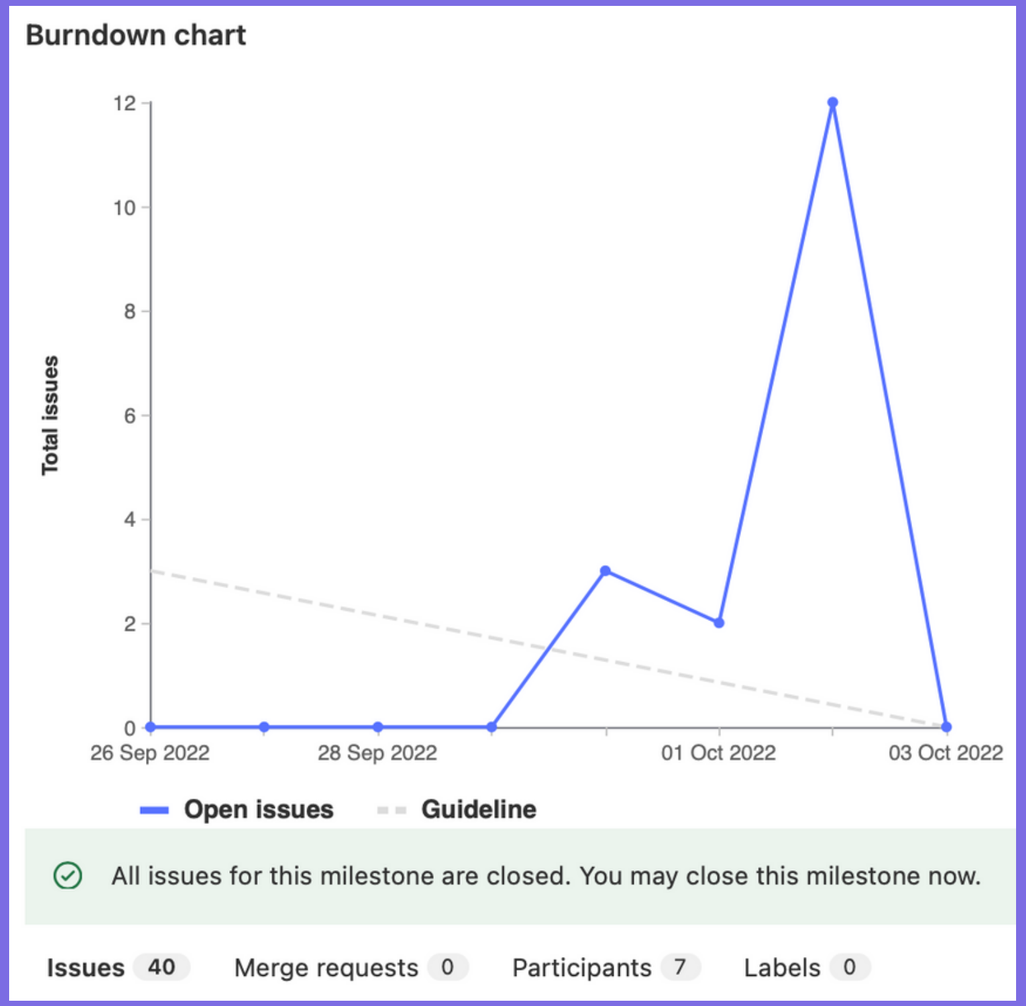
RITHIK, MICHAEL, TINSON, LUKA, RYAN, ERIC. SAARTHI

AGENDA

- BURNDOWN CHART
- WHAT WENT WELL
- IMPROVEMENTS FOR NEXT TIME
- CONTRIBUTIONS
- DEMO
- Q&A

LETS GET STARTED

BURNDOWN CHART



Total of **40 TRACKED SUBTASKS** across all 7 team members

Expected downward trend as sprint approaches closing

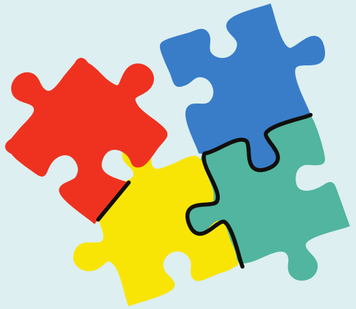
Initial Spike

Transferred plan from google docs to Gitlab by creating and assigning weights (everyone was busy at the start of the week)

Downward Slope

Completed and closed issues for a downward trend throughout the remainder of the sprint

OUR STRENGTHS



Pair Programming Efficiency

Acknowledgement of teammate accomplishments

Self-management

Consistent updates and support

POTENTIAL IMPROVEMENTS

- EARLIER ISSUE CREATION
- MORE EFFICIENT ALGORITHMS
- MORE FILTERS
- BETTER CODE DOCUMENTATION

SOFTWARE DEMO

TEAM CONTRIBUTIONS

ERIC

Exclude Time Validation Research and Development
#122 · created 1 day ago by Eric Dearing · Sprint 3 · 4

Exclude Time Validation
#121 · created 1 day ago by Eric Dearing · Sprint 3 · 4

VBA Try Catch Error Research
#120 · created 1 day ago by Eric Dearing · Sprint 3 · 2

Development of UI for filters (Pair Programming with Eric) - Part 3
#118 · created 1 day ago by Tinson Wang · Sprint 3 · Sep 30, 2022 · 1

Development of UI for filters (Pair Programming with Eric) - Part 2
#111 · created 2 days ago by Tinson Wang · Sprint 3 · Sep 29, 2022 · 4

removed DE courses
#110 · created 3 days ago by Eric Dearing · Sprint 3 · 1

UI Planning Meeting
#108 · created 4 days ago by Tinson Wang · Sprint 3 · Sep 26, 2022 · 1

Initial planning meeting and task breakdown
#107 · created 5 days ago by Saarthi Baluja · Sprint 3 · 3

- Changed htmlToCsv to ignore DE courses
- Worked with Tinson on the UI and VBA for filters
- **Total hours: 10**

TINSON

- Worked with Eric on the UI and VBA for filters
- Implemented “Clear Filters” and “Suggest Schedule” features with Saarthi and Ritz
- **Total hours: 17.5 hours**

Suggest Schedule Feature
#143 · created 2 hours ago by Rithik Choudhary Sprint 3 4

Reviewing auxiliary files for sprint closing date
#128 · created 21 hours ago by Tinson Wang Sprint 3 Oct 2, 2022 2

Debugging Session
#127 · created 21 hours ago by Tinson Wang Sprint 3 Oct 2, 2022 4

Short testing session on current features
#126 · created 21 hours ago by Tinson Wang Sprint 3 Oct 1, 2022 2

Development of UI for filters (Pair Programming with Eric) - Part 3
#118 · created 2 days ago by Tinson Wang Sprint 3 Sep 30, 2022 1

Development of UI for filters (Pair Programming with Eric) - Part 2
#111 · created 3 days ago by Tinson Wang Sprint 3 Sep 29, 2022 4

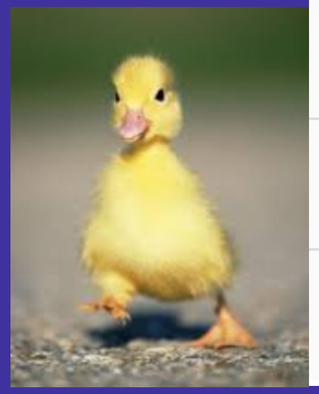
Development of UI for filters (View A) - Part 1
#109 · created 4 days ago by Tinson Wang Sprint 3 Sep 28, 2022 3

UI Planning Meeting
#108 · created 5 days ago by Tinson Wang Sprint 3 Sep 26, 2022 1

Initial planning meeting and task breakdown
#107 · created 6 days ago by Saarthi Baluja Sprint 3 3

MICHAEL & LUKA

- Implementation of day and time exclusion filtering feature
- Pair programming sessions with Saarthi
- **Luka Hours: 11.5 hours (23 weights)**
- **Michael Hours: 12 hours (24 weights)**



Development of filter for specific times being unavailable (Pair programming w/ Michael)
#113 · created 2 days ago by Michael Lam Sprint 3 3

Development of filter for specific days being free(Pair programming w/ Luka)
#114 · created 2 days ago by Michael Lam Sprint 3 3

Michael/Luka - Pair Programming Part 1
#123 · created 1 day ago by Luka Vukadinovic Sprint 3 1

Michael/Luka - Pair Programming Part 2
#124 · created 1 day ago by Luka Vukadinovic Sprint 3 3

Michael/Luka - Pair Programming Part 3
#125 · created 1 day ago by Luka Vukadinovic Sprint 3 3

Michael/Luka - Pair Programming Part 4
#141 · created 12 hours ago by Luka Vukadinovic Sprint 3 2

Filter List bug fix
#130 · created 15 hours ago by Michael Lam Sprint 3 1

Luka/Michael - Project planning/Issue management meeting
#119 · created 1 day ago by Luka Vukadinovic Sprint 3 Oct 1, 2022 3

Filter Implementation Meeting
#112 · created 2 days ago by Michael Lam Sprint 3 2

Initial planning meeting and task breakdown
#107 · created 6 days ago by Saarthi Baluja Sprint 3 3

RITHIK

Sprint Report and Slide Contribution
#144 · created 11 hours ago by Rithik Choudhary Sprint 3 2

Bug Testing
#142 · created 11 hours ago by Rithik Choudhary Sprint 3 4

Debugging Session
#146 · created 10 hours ago by Rithik Choudhary Sprint 3 4

Create slide deck
#129 · created 19 hours ago by Saarthi Baluja Sprint 3 2

Optimizing filtration algorithm for speed without destroying everything
#145 · created 11 hours ago by Saarthi Baluja Sprint 3 3

Suggest Schedule Feature
#143 · created 11 hours ago by Rithik Choudhary Sprint 3 4

Initial planning meeting and task breakdown
#107 · created 6 days ago by Saarthi Baluja Sprint 3 3

- Implemented “Clear Filters” and “Suggest Schedule” features with Saarthi and Ritz
- QA and Bug Testing session to fix "suggest schedule" logic
- Made the retro slide deck
- **Total Hours: 11**

SAARTHI

- Responsible for the similar course filter and its application to other filters
- Integrated Micheal & Luka's day/time exclusion Filters to be independent of the filter creation button and optimized it
- Implemented the random selector of filtered courses & logic to avoid repetition
- **Total Hours: 14.5 (29 Weights)**

Optimizing filtration algorithm for speed without destroying everything
#145 · created 2 hours ago by Saarthi Baluja Sprint 3 3

Integrate similar courses filter with rest of filter options
#140 · created 4 hours ago by Saarthi Baluja Sprint 3 2

Filtering by course code implementation
#139 · created 5 hours ago by Saarthi Baluja Sprint 3 4

Research into split function
#133 · created 6 hours ago by Saarthi Baluja Sprint 3 1

Dynamic dictionary creation of course code ranges
#132 · created 6 hours ago by Saarthi Baluja Sprint 3 2

Moving filtration implementation to suggestSchedule instead of addFilter
#131 · created 6 hours ago by Saarthi Baluja Sprint 3 4

Create slide deck
#129 · created 11 hours ago by Saarthi Baluja Sprint 3 2

Research into protected sheets & finding way to let VBA still alter cells/objects
#117 · created 2 days ago by Saarthi Baluja Sprint 3 2

Dynamic button caption (lock/unlock symbol) within protected sheet
#116 · created 2 days ago by Saarthi Baluja Sprint 3 2

Course locking/unlocking functionality
#115 · created 2 days ago by Saarthi Baluja Sprint 3 4

Initial planning meeting and task breakdown
#107 · created 6 days ago by Saarthi Baluja Sprint 3 3

RYAN

Powerpoint Slide + Contribution Paragraph
#137 · created 6 hours ago by Ryan Farrell Sprint 3 2

Test year filter
#138 · created 6 hours ago by Ryan Farrell Sprint 3 3

Integrate year filter code
#136 · created 6 hours ago by Ryan Farrell Sprint 3 4

Develop course year filter
#135 · created 6 hours ago by Ryan Farrell Sprint 3 4

Analyze course suggestion code
#134 · created 6 hours ago by Ryan Farrell Sprint 3 4

Initial planning meeting and task breakdown
#107 · created 6 days ago by Saarthi Baluja Sprint 3 3

- Designed, integrated, and tested the course year filter for course suggestions
- Made small changes to the UI to accommodate the course year filter
- **Total hours: 10**