CIS3760 - TEAM 306

SPRINT 1 RETROSPECTIVE

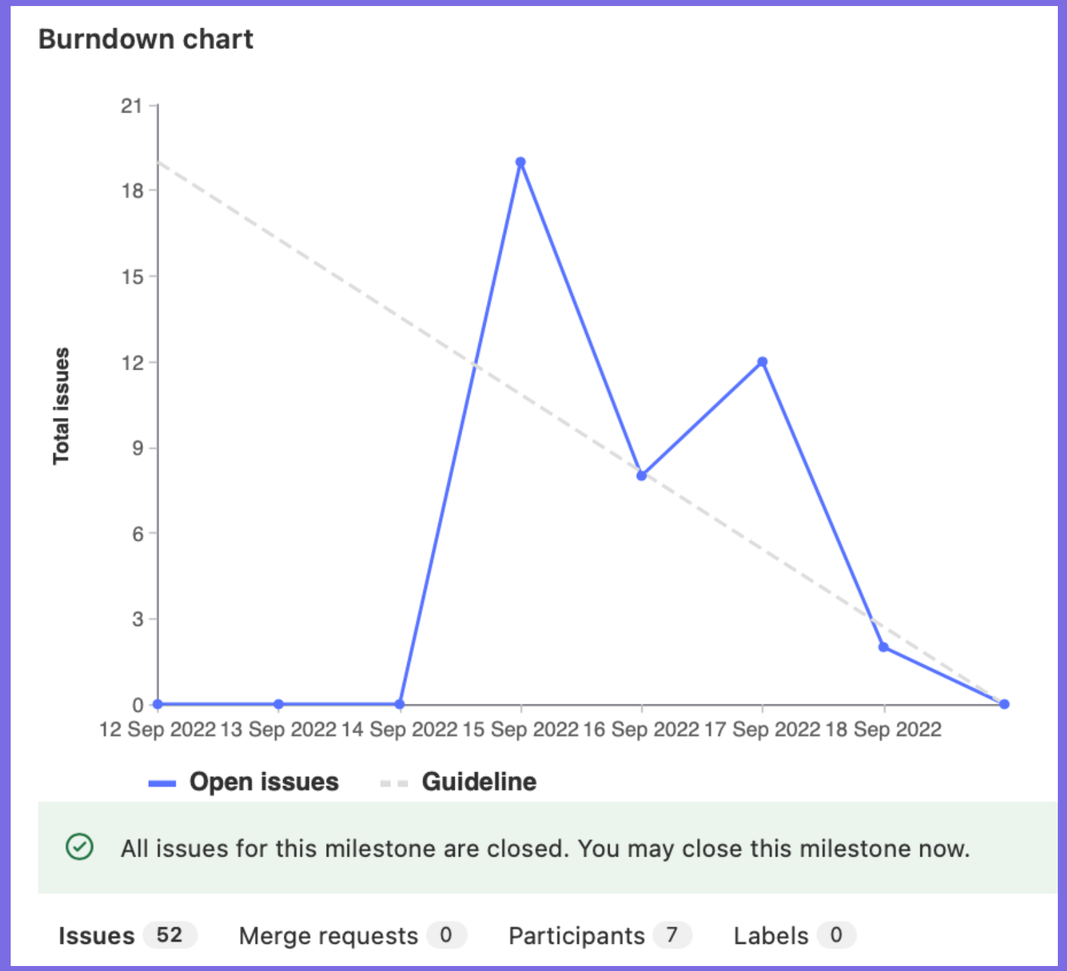
ERIC, MICHAEL, RYAN, TINSON, LUKA, RITHIK, SAARTHI

AGENDA

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

LETS GET STARTED

BURNDOWN CHART



Total of **60 TRACKED SUBTASKS** across all 7 team members

Expected downward trend as sprint approaches closing

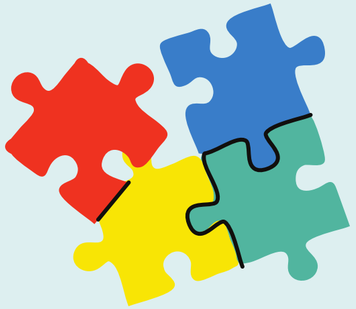
Initial Spike

Moved from generic Google docs to GitLabs

Second Peak

Reassessed certain tasks to either reassign weight or open new subtasks

OUR STRENGTHS



Break down of project into distinct tasks

Everyone's understanding of their role

Set clear expectations of each other

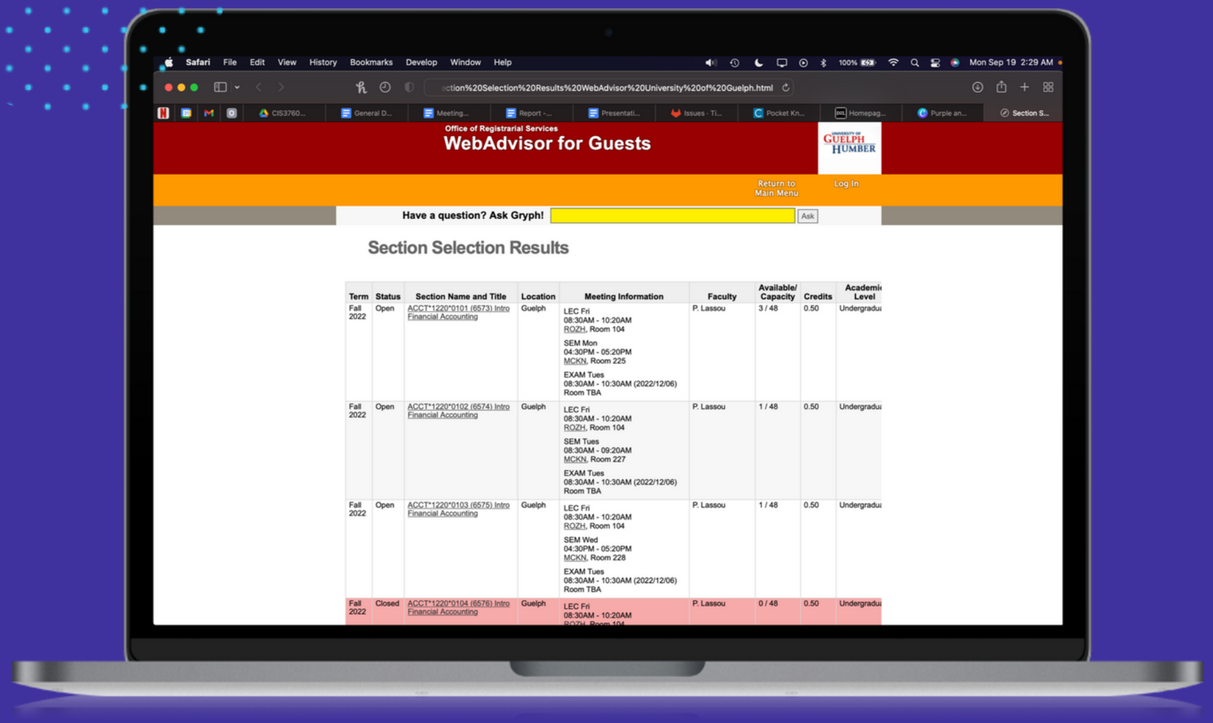
Skilled developers

POTENTIAL IMPROVEMENTS

BETTER COMMUNICATION

BREAK DOWN OF PROJECT INTO NON-SEQUENTIAL TASKS

SOFTWARE DEMO



Term	Status	Section Name and Title	Location	Meeting Information	Faculty	Available/ Capacity	Credits	Academic Level
Fall 2022	Open	ACCT*1220*0101 (6573) Intro Financial Accounting	Guelph	LEC Fri 08:30AM - 10:20AM RO2H, Room 104 SEM Mon 04:30PM - 05:20PM MCKN, Room 225 EXAM Tues 08:30AM - 10:30AM (2022/12/06) Room TBA	P. Lassou	3 / 48	0.50	Undergradu
Fall 2022	Open	ACCT*1220*0102 (6574) Intro Financial Accounting	Guelph	LEC Fri 08:30AM - 10:20AM RO2H, Room 104 SEM Tues 08:30AM - 09:20AM MCKN, Room 227 EXAM Tues 08:30AM - 10:30AM (2022/12/06) Room TBA	P. Lassou	1 / 48	0.50	Undergradu
Fall 2022	Open	ACCT*1220*0103 (6575) Intro Financial Accounting	Guelph	LEC Fri 08:30AM - 10:20AM RO2H, Room 104 SEM Wed 04:30PM - 05:20PM MCKN, Room 228 EXAM Tues 08:30AM - 10:30AM (2022/12/06) Room TBA	P. Lassou	1 / 48	0.50	Undergradu
Fall 2022	Closed	ACCT*1220*0104 (6576) Intro Financial Accounting	Guelph	LEC Fri 08:30AM - 10:20AM	P. Lassou	0 / 48	0.50	Undergradu

TEAM CONTRIBUTIONS

TINSON

- Development of HTML parser using regex
- Assistance with meeting data parsing logic
- Coordinated meetings and compiled documents
- **Total Hours: 16.5**

Meeting with Rithik
#42 · created 1 day ago by Tinson Wang · Sprint 1 · Sep 17, 2022 · 4

Compile 'Sprint1 Report'
#41 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 18, 2022 · 3

Compile 'Meeting Minutes' document
#40 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 18, 2022 · 1

VBA Research
#39 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 12, 2022 · 1

Issue Management/Planning Meeting
#29 · created 3 days ago by Michael Lam · Sprint 1 · Sep 14, 2022 · 3

Testing and Refinement of Solution to Convert HTML to JSON
#23 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 14, 2022 · 4

Individual implementing of solution for converting HTML to JSON using regex (Part 2)
#16 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 13, 2022 · 4

Individual implementing of solution for converting HTML to JSON using regex (Part 1)
#12 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 12, 2022 · 4

Research solutions to convert HTML to JSON
#5 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 13, 2022 · 2

Sprint Meeting with TA
#4 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 15, 2022 · 1

Initial Meeting
#3 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 12, 2022 · 2

ERIC

Research VBA
#48 · created 5 hours ago by Eric Dearing 1

Research on Python, BeautifulSoup, and html parsing
#49 · created 1 minute ago by Eric Dearing 3

Sprint Meeting with TA
#4 · created 3 days ago by Luka Vukadinovic Sprint 1 Sep 15, 2022 1

Testing and Refinement of Solution to Convert HTML to JSON
#23 · created 3 days ago by Tinson Wang Sprint 1 Sep 14, 2022 4

Individual implementing of solution for converting HTML to JSON using other libraries (Part 2)
#19 · created 3 days ago by Tinson Wang Sprint 1 Sep 13, 2022 4

Individual implementing of solution for converting HTML to JSON using other libraries (Part 1)
#18 · created 3 days ago by Tinson Wang Sprint 1 Sep 13, 2022 4

Research solutions to convert HTML to JSON
#5 · created 3 days ago by Tinson Wang Sprint 1 Sep 13, 2022 2

Initial Meeting
#3 · created 3 days ago by Tinson Wang Sprint 1 Sep 12, 2022 2

- Development of HTML parser using BeautifulSoup
  - Code does infact look beautiful
  - Outside sources not as reliable
- Development of HTML parser using regex
  - Big help from Tinson
  - Code not as beautiful
  - More reliable
- **Total Hours: 10.5**

MICHAEL & LUKA

- Issue management and planning w/ Tinson
- Development and implementation of filter and sort flags
  - Filter flags include Status, Name, Faculty, Credits and Level
  - Ascending and descending lexicographical sorting options
  - S/O Ritz for multiple filters feature
- Multiple pair programming sessions

- **Luka Total Hours: 11.5**
- **Michael Total Hours: 12.5**

Implementing Faculty Filter Flag
#13 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Location Filter Flag
#11 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Name Filter Flag
#10 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Status Filter Flag
#9 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implement CLI Input Flag for Sorting
#8 · created 3 days ago by Michael Lam · Sprint 1 · 1

Implement Filter Function
#7 · created 3 days ago by Luka Vukadinovic · Sep 19, 2022

Implement CLI Input Flag for Filtering
#6 · created 3 days ago by Michael Lam · Sprint 1 · 1

Initial Meeting
#3 · created 3 days ago by Tinson Wang · Sprint 1 · Sep 12, 2022 · 2

Review Python3
#2 · created 3 days ago by Michael Lam · Sprint 1 · Sep 14, 2022 · 2

[Bug] - Same filter values being added to filter list
#43 · created 1 day ago by Michael Lam · Sprint 1 · Sep 19, 2022 · 1

Meeting to determine where and how filtering should be implemented (CMDLine or CLI)
#36 · created 3 days ago by Saarthi Baluja · Sprint 1 · 1

Issue Management/Planning Meeting
#29 · created 3 days ago by Michael Lam · Sprint 1 · Sep 14, 2022 · 3

Implementing Level Sort Flag
#28 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Credits Sort Flag
#27 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Capacity Sort Flag
#26 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Faculty Sort Flag
#25 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Location Sort Flag
#24 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Name Sort Flag
#22 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implement Status Sort Flag
#21 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Sort Function
#20 · created 3 days ago by Luka Vukadinovic · Sep 19, 2022

Implementing Level Filter Flag
#17 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Credits Filter Flag
#15 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Capacity Filter Flag
#14 · created 3 days ago by Luka Vukadinovic · Sprint 1 · Sep 19, 2022 · 1

Implementing Flags
#1 · created 4 days ago by Michael Lam Sep 19, 2022

Implementing Level Filter Flag
#17 · created 4 days ago by Luka Vukadinovic Sprint 1 Sep 19, 2022 1

Implementing Credits Filter Flag
#15 · created 4 days ago by Luka Vukadinovic Sprint 1 Sep 19, 2022 1

Implement Filter Function
#7 · created 4 days ago by Luka Vukadinovic Sep 19, 2022

Implementing Status Filter Flag
#9 · created 4 days ago by Luka Vukadinovic Sprint 1 Sep 19, 2022 1

Implementing Name Filter Flag
#10 · created 4 days ago by Luka Vukadinovic Sprint 1 Sep 19, 2022 1

Implementing Faculty Filter Flag
#13 · created 4 days ago by Luka Vukadinovic Sprint 1 Sep 19, 2022 1

Meeting with Rithik
#42 · created 1 day ago by Tinson Wang Sprint 1 Sep 17, 2022 4

Review Python3
#2 · created 4 days ago by Michael Lam Sprint 1 Sep 14, 2022 2

Initial Meeting
#3 · created 4 days ago by Tinson Wang Sprint 1 Sep 12, 2022 2

VBA Research
#56 · created 1 hour ago by Rithik Choudhary Sprint 1 2

Format CLI Output
#57 · created 1 hour ago by Rithik Choudhary Sprint 1 2

Implement Multi-Filters
#58 · created 1 hour ago by Rithik Choudhary Sprint 1 4

Rithik's presentation slide + sprint report segment
#59 · created 1 hour ago by Rithik Choudhary Sprint 1 1

Fancify retro slide deck
#60 · created 51 minutes ago by Rithik Choudhary Sprint 1 1

RITHIK

- Reformatting of program output to include a scrollable page view and utilize colour
- Made changes to filter functions to implement multi-filter select capabilities for more efficient searching
- Made this awesome slide deck
- **Total Hours: 11.5**

SAARTHI

- Development of the main command line interface loop
- Reading the JSON file & Implementation of the search feature
- User input error checking and error handling
- **Total Hours: 10**

General Usage Documentation + Saarthi's Contribution Slide
#50 · created 1 minute ago by Saarthi Baluja Sprint 1 1

Create skeleton functions for filtering queries
#38 · created 3 days ago by Saarthi Baluja Sprint 1 1

Learn Python Syntax
#37 · created 3 days ago by Saarthi Baluja Sprint 1 1

Meeting to determine where and how filtering should be implemented (CMDLine or CLI)
#36 · created 3 days ago by Saarthi Baluja Sprint 1 1

Format the CLI loop to be aesthetically pleasing and clean(1)
#35 · created 3 days ago by Saarthi Baluja Sprint 1 1

Implement case ignoring for all user input and course searching with/without "*" in course code
#34 · created 3 days ago by Saarthi Baluja Sprint 1 2

Create Search function for user search queries and call display function on results
#33 · created 3 days ago by Saarthi Baluja Sprint 1 4

Implement CLI loop that parses user input and calls search/filter/exit functions
#32 · created 3 days ago by Saarthi Baluja Sprint 1 4

Create function to read JSON file into Python list
#31 · created 3 days ago by Saarthi Baluja Sprint 1 1

Research how to read JSON file in Python
#30 · created 3 days ago by Saarthi Baluja Sprint 1 1

Sprint Meeting with TA
#4 · created 3 days ago by Luka Vukadinovic Sprint 1 Sep 15, 2022 1

Initial Meeting
#3 · created 3 days ago by Tinson Wang Sprint 1 Sep 12, 2022 2

Ryan's Presentation Slide + Report Segment
#51 · created 2 hours ago by Ryan Farrell 2

Polishing Code
#55 · created 1 hour ago by Ryan Farrell 3

Update readme
#54 · created 1 hour ago by Ryan Farrell 2

VBA Research
#47 · created 1 day ago by Ryan Farrell Sprint 1 2

Bugtest htmlToJson.py
#45 · created 1 day ago by Ryan Farrell Sprint 1 2

Sprint Meeting with TA
#4 · created 4 days ago by Luka Vukadinovic Sprint 1 Sep 15, 2022 1

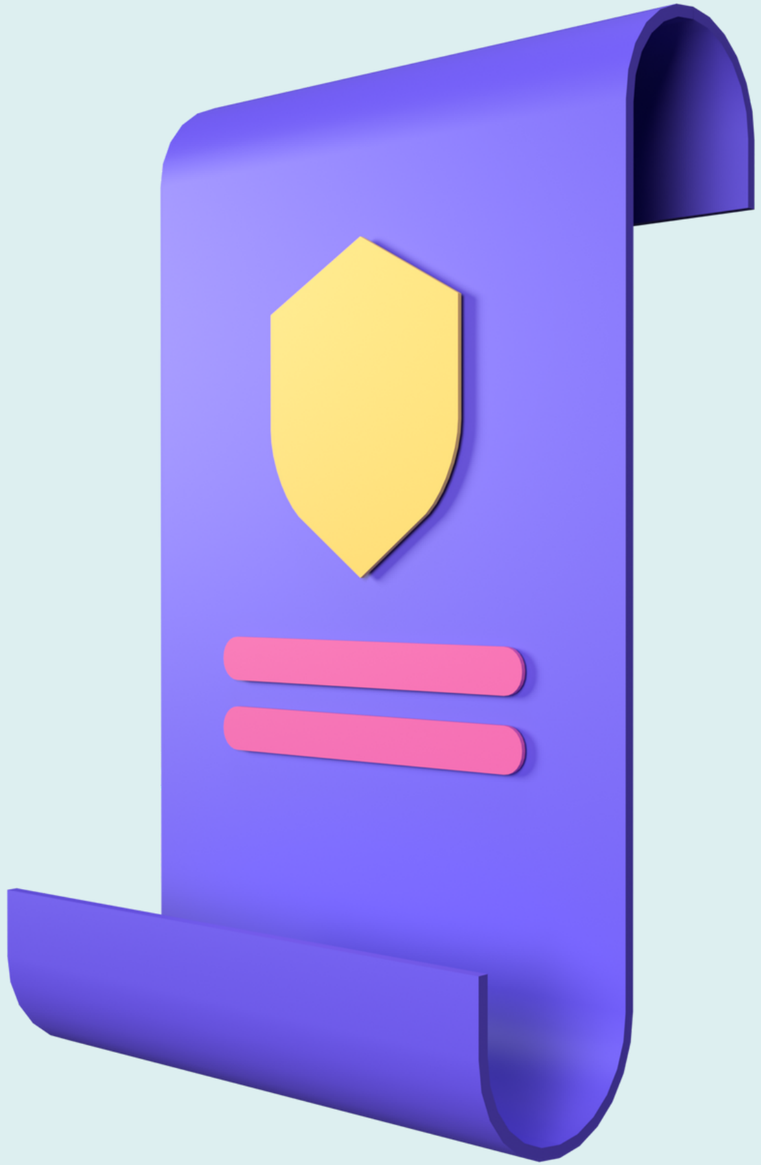
Bugtest CLI.py
#46 · created 1 day ago by Ryan Farrell Sprint 1 4

Bugtest parser.py
#44 · created 1 day ago by Ryan Farrell Sprint 1 2

Initial Meeting
#3 · created 4 days ago by Tinson Wang Sprint 1 Sep 12, 2022 2

RYAN

- Extensive testing of the code and bug fixing as well as partial automated testing
- Some documentation in the form of a readme detailing how to run the course search program and its features
- **Total Hours: 10**

THANKS FOR LISTENING

Q&A