Project Name: Life-Generator
Name: Danny Sulsberger

Formal Use Case w/revisions:

Name: Generate List of highest rated toys by Client input
Actor: Client – Sales team member
Identifier: LG-001
Flow:

1. Client opens Desktop app from their work computer
2. Client chooses 'toy' from a list of items
3. Client chooses a 'category' from a list of categories
4. Client specifies number of toys to output by typing
5. Client presses 'generate' button
6. Software opens CSV containing Sales Information from Kaggle
7. Software takes input and sorts/filters data
8. Software generates results
9. Software displays output on GUI

Suggstion from Tingtin Fang in discussion

Tingtin's suggestion adds some more visibility to the use case as to the source and what the software is actually doing with the input and source data. It's just a bit more visibility without diving into the complexities of how the program functions – I think it was a great suggestion, more visibility never hurts.

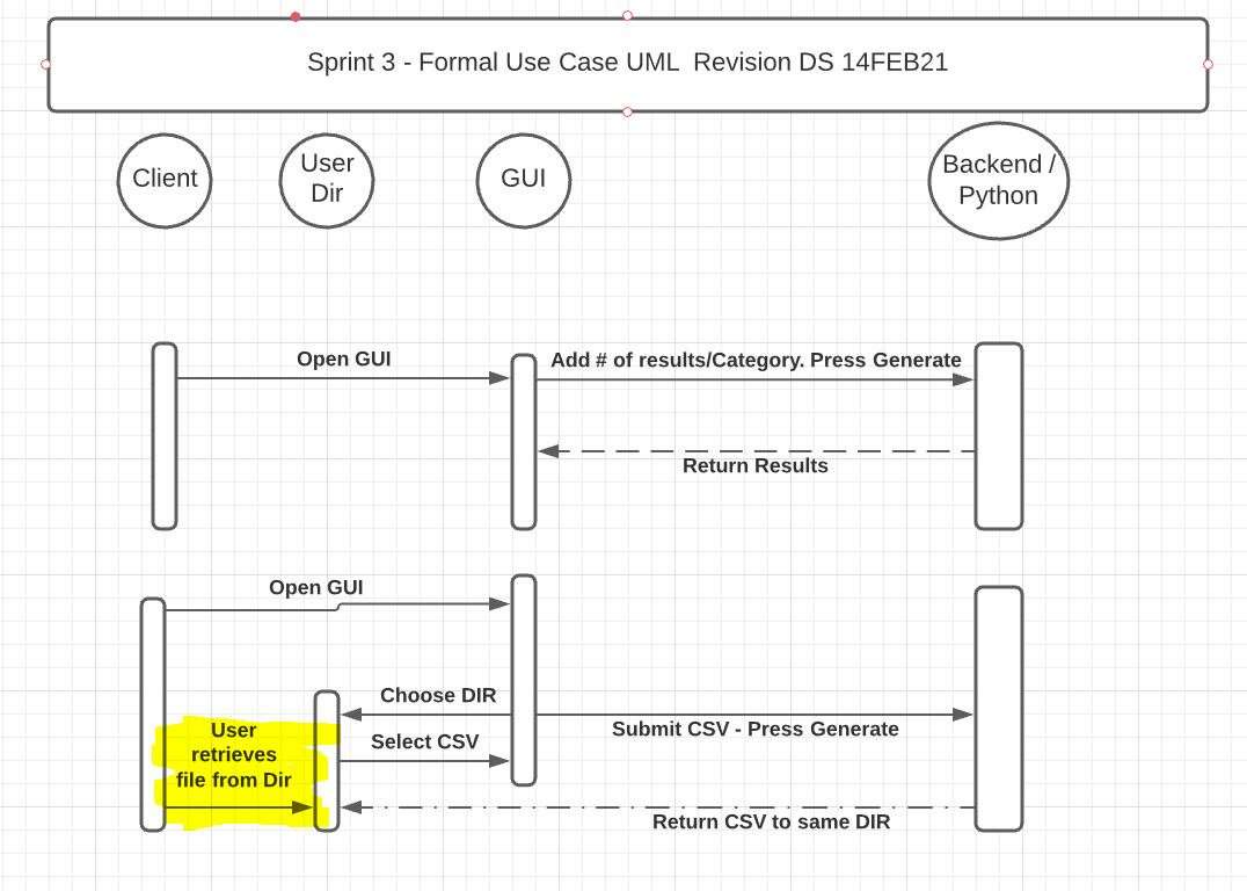
Name: Generate List of highest rated toys using CSV
Actor: Client – Sales team member
Identifier: LG-002
Flow:

10. Client opens Desktop app from their work computer
11. Client uploads CSV where headers contain correct info per software docu
12. Client presses 'generate' button
13. Software generates results
14. Software creates output.csv
15. Prints to console that output.csv was successfully created

Suggestion from Connor Murnion in discussion

I'm actually adding Connor's suggestion into the functionality of my program now as it's going to help users confirm that the query/software worked and what the output file is named. It's a great suggestion, and one that I probably wouldn't have thought of since I wrote the software and know it outputs x to directory y.

UML Sequence diagram w/revisions

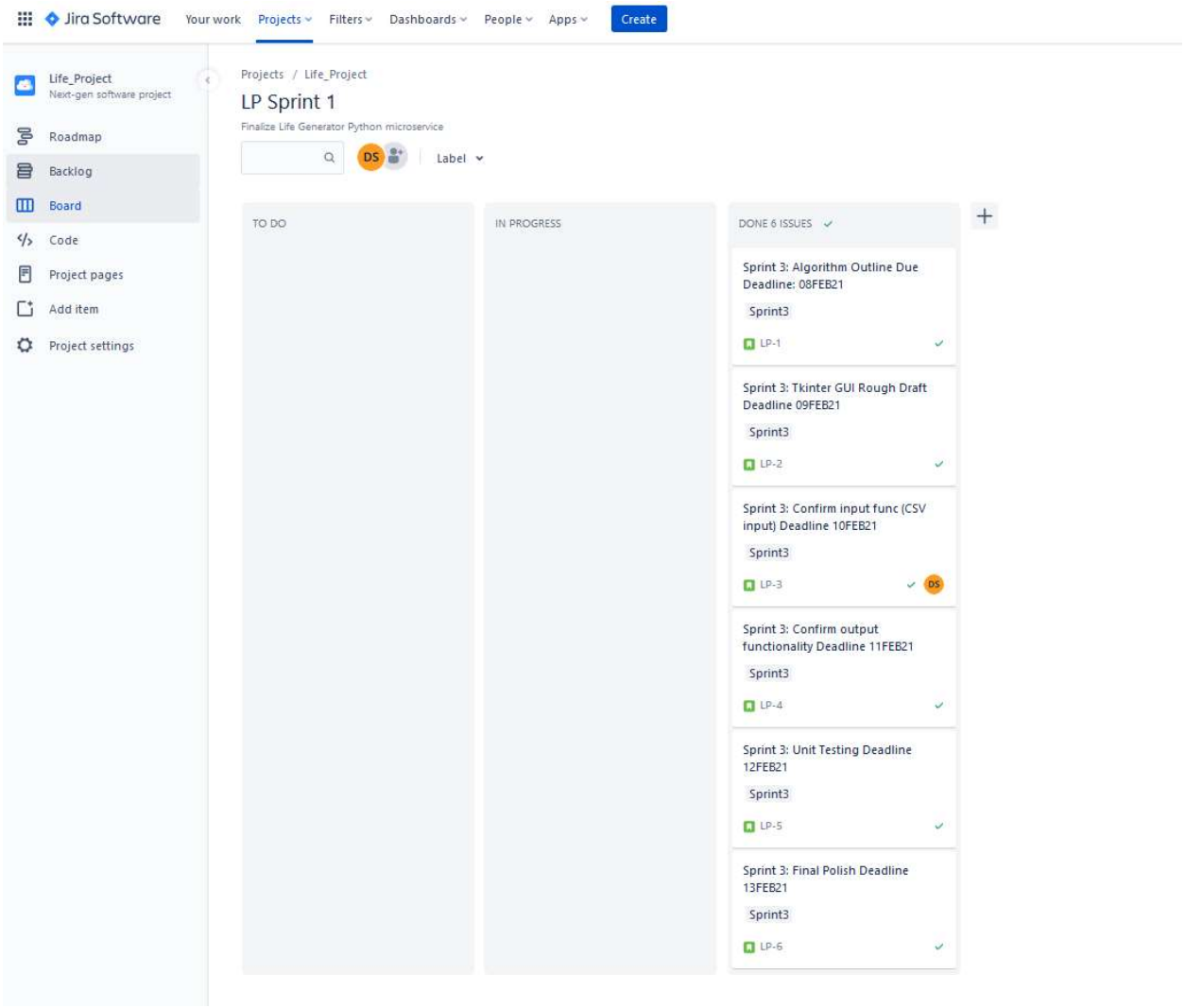


I added an arrow indicating that the client must retrieve the CSV from the user directory (in yellow) as the program won't direct them or automatically open up that directory. I think it adds clarity to the UML so it's clear that the client will have to retrieve the file on their own.

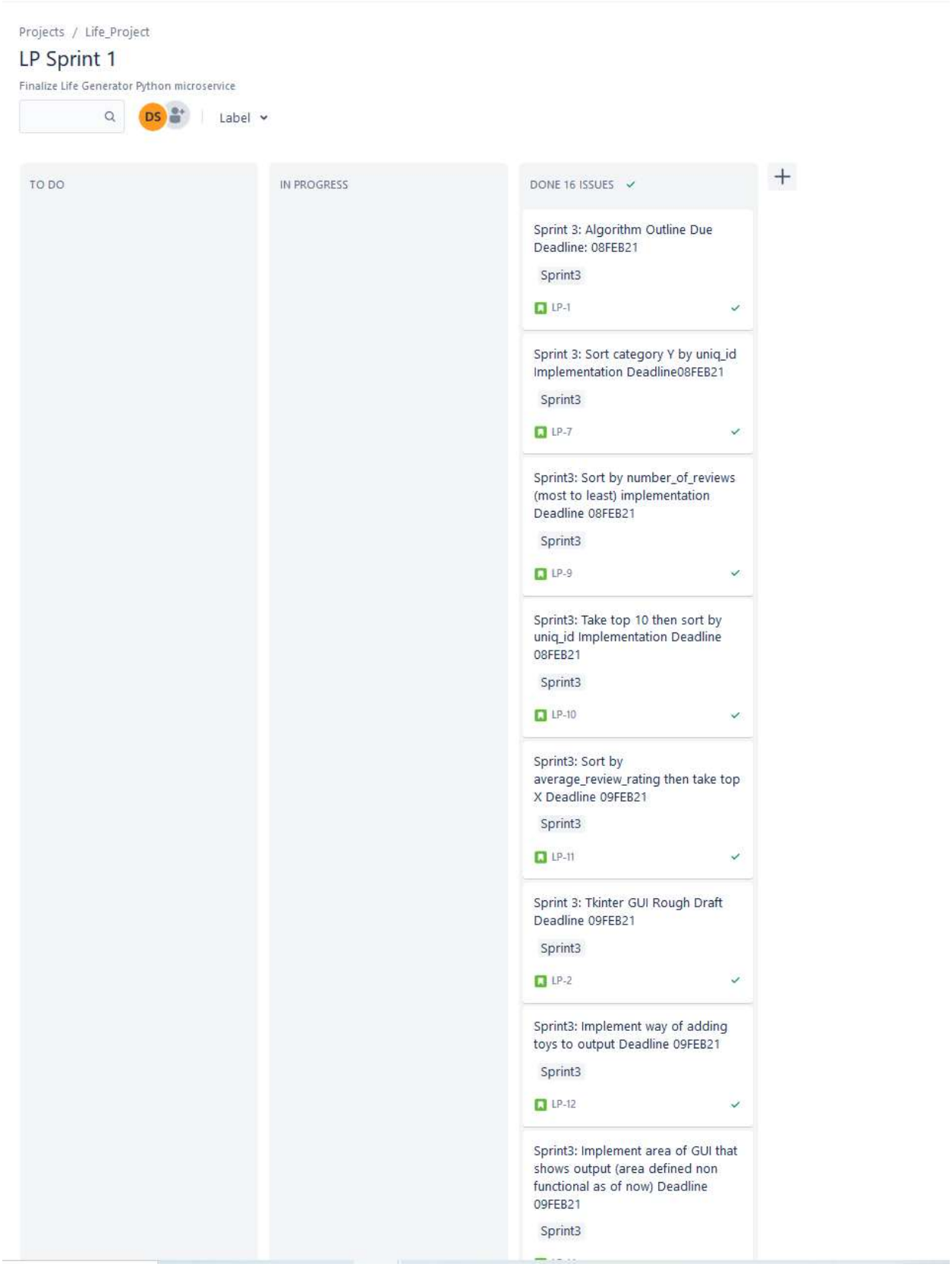
I also split my two Formal Use cases up (in the discussion submission they were all one) per a suggestion in the discussion. While both use cases were together, it appeared that the client had to do both GUI then the automatic cases – which is not the case.

Task Management System: Jira
Updated all tasks to Done

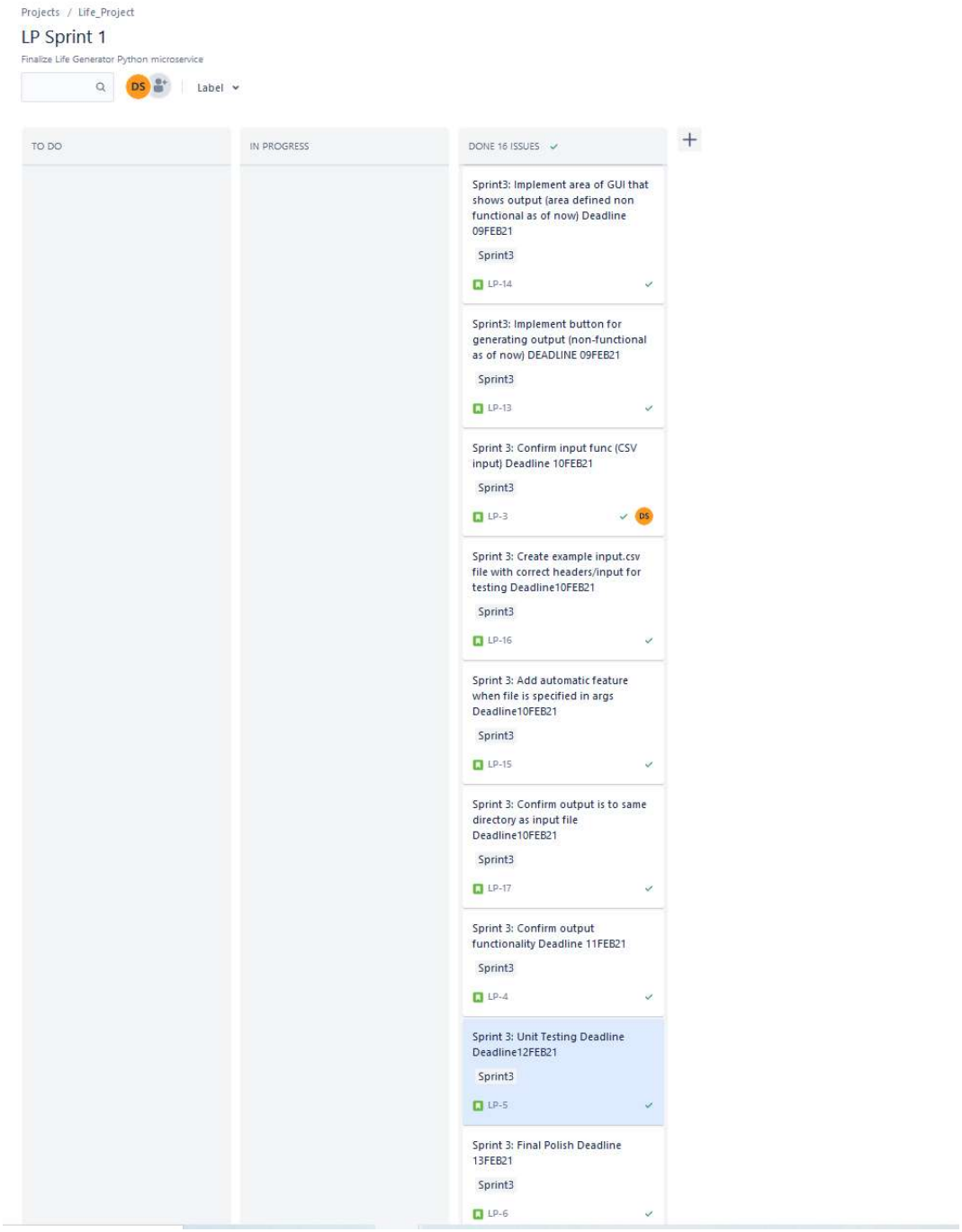
Original From Discussion:



Tasks 1/2


Projects / Life_Project
LP Sprint 1
Finalize Life Generator Python microservice
DS
Label
TO DO
IN PROGRESS
DONE 16 ISSUES
Sprint 3: Algorithm Outline Due Deadline: 08FEB21
Sprint3
LP-1
Sprint 3: Sort category Y by uniq_id Implementation Deadline08FEB21
Sprint3
LP-7
Sprint3: Sort by number_of_reviews (most to least) implementation Deadline 08FEB21
Sprint3
LP-9
Sprint3: Take top 10 then sort by uniq_id Implementation Deadline 08FEB21
Sprint3
LP-10
Sprint3: Sort by average_review_rating then take top X Deadline 09FEB21
Sprint3
LP-11
Sprint 3: Tkinter GUI Rough Draft Deadline 09FEB21
Sprint3
LP-2
Sprint3: Implement way of adding toys to output Deadline 09FEB21
Sprint3
LP-12
Sprint3: Implement area of GUI that shows output (area defined non functional as of now) Deadline 09FEB21
Sprint3

Tasks 2/2


Projects / Life_Project
LP Sprint 1
Finalize Life Generator Python microservice
DS
Label
TO DO
IN PROGRESS
DONE 16 ISSUES
Sprint3: Implement area of GUI that shows output (area defined non functional as of now) Deadline 09FEB21
Sprint3
LP-14
Sprint3: Implement button for generating output (non-functional as of now) DEADLINE 09FEB21
Sprint3
LP-13
Sprint 3: Confirm input func (CSV input) Deadline 10FEB21
Sprint3
LP-3
DS
Sprint 3: Create example input.csv file with correct headers/input for testing Deadline10FEB21
Sprint3
LP-16
Sprint 3: Add automatic feature when file is specified in args Deadline10FEB21
Sprint3
LP-15
Sprint 3: Confirm output is to same directory as input file Deadline10FEB21
Sprint3
LP-17
Sprint 3: Confirm output functionality Deadline 11FEB21
Sprint3
LP-4
Sprint 3: Unit Testing Deadline Deadline12FEB21
Sprint3
LP-5
Sprint 3: Final Polish Deadline 13FEB21
Sprint3
LP-6