

Name: Tyler Glotz

Project: Data Analysis Tools

Use Case Documents:

Use Case ID	UR#01													
Use Case Name	Convert .txt to .csv													
Descriptor	As a user, I need to Parse .txt file into .csv file using given delimiter, so I can use .txt data in a database													
Actor	User													
Pre-conditions	-user is logged in -User has .txt file that they need converted to .csv													
Post Conditions	File is displayed in proper format and converted in former path													
Frequency	Any time files need to be converted to .csv													
Flow of Events	<table><tr><th></th><th>Action</th><th>System Response</th></tr><tr><td>1</td><td>User clicks “upload file”</td><td>System return file browser to select file</td></tr><tr><td>2</td><td>User selects individual .txt file from file browser</td><td>System selects what file to parse</td></tr><tr><td>3</td><td>User inputs the delimiter that separates fields</td><td>System converts file to .csv file and shows preview</td></tr></table>			Action	System Response	1	User clicks “upload file”	System return file browser to select file	2	User selects individual .txt file from file browser	System selects what file to parse	3	User inputs the delimiter that separates fields	System converts file to .csv file and shows preview
	Action	System Response												
1	User clicks “upload file”	System return file browser to select file												
2	User selects individual .txt file from file browser	System selects what file to parse												
3	User inputs the delimiter that separates fields	System converts file to .csv file and shows preview												

	<table><tr><td>4</td><td>User clicks “save”</td><td>System saves file in specified format</td></tr></table>	4	User clicks “save”	System saves file in specified format
4	User clicks “save”	System saves file in specified format		
Variations	UR#02			
Exceptions	Given file is already in .csv format, invalid file path			
Developer notes	More frequent than UR#02			

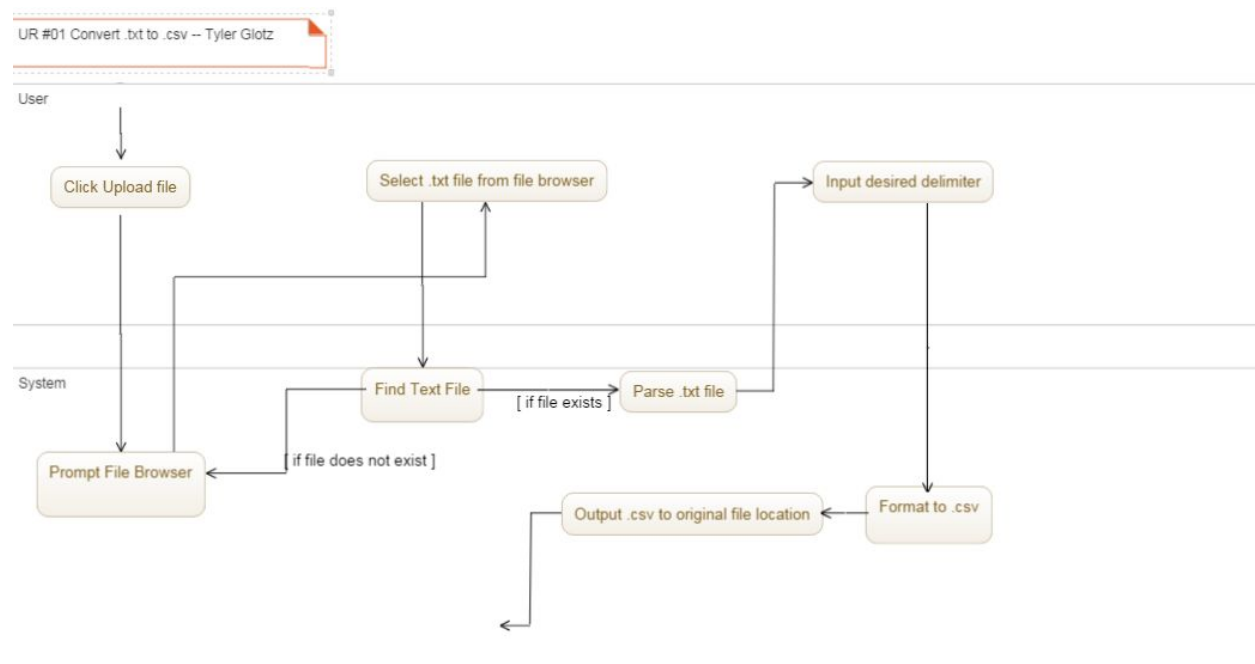
Use Case ID	UR#02											
Use Case Name	Convert .csv to .txt											
Descriptor	As a user, I need to Parse .csv file into .txt file with given delimiter, so I can output information cleanly											
Actor	User											
Pre-conditions	-user is logged in -User has .csv file that is needed in .txt format											
Post Conditions	File displayed in .txt format with given delimiters, file is changed in original filepath											
Frequency	Whenever filetype conversion is necessary											
Flow of Events	<table><tr><td></td><td>User Action</td><td>System Response</td></tr><tr><td>1</td><td>User clicks “import file”</td><td>System return file browser to select file</td></tr><tr><td>2</td><td>User selects</td><td>System selects</td></tr></table>				User Action	System Response	1	User clicks “import file”	System return file browser to select file	2	User selects	System selects
	User Action	System Response										
1	User clicks “import file”	System return file browser to select file										
2	User selects	System selects										

		individual .txt file from file browser	what file to parse
	3	User inputs the delimiter that separates fields	System converts file to .txt file and shows preview
	4	User clicks “save”	System saves file in specified format
Variations	UR#01		
Exceptions	-Given file is already in .txt format -given file is not in .csv format -incorrect file path		
Developer Notes	Must input a delimiter to separate fields (ex “,” or “ ” or “\t” or “\n”)		

Use Case ID	UR#03
Use Case Name	import .csv and .txt files
Descriptor	As a user, I need to import .txt and .csv files, so that I can use the tool to manipulate data
Actor	User
Pre-conditions	-user is logged in -User clicks “Import file” button and chooses file path
Post Conditions	Given file is parsed into program and visible to user
Frequency	Before converting file or manipulating any data

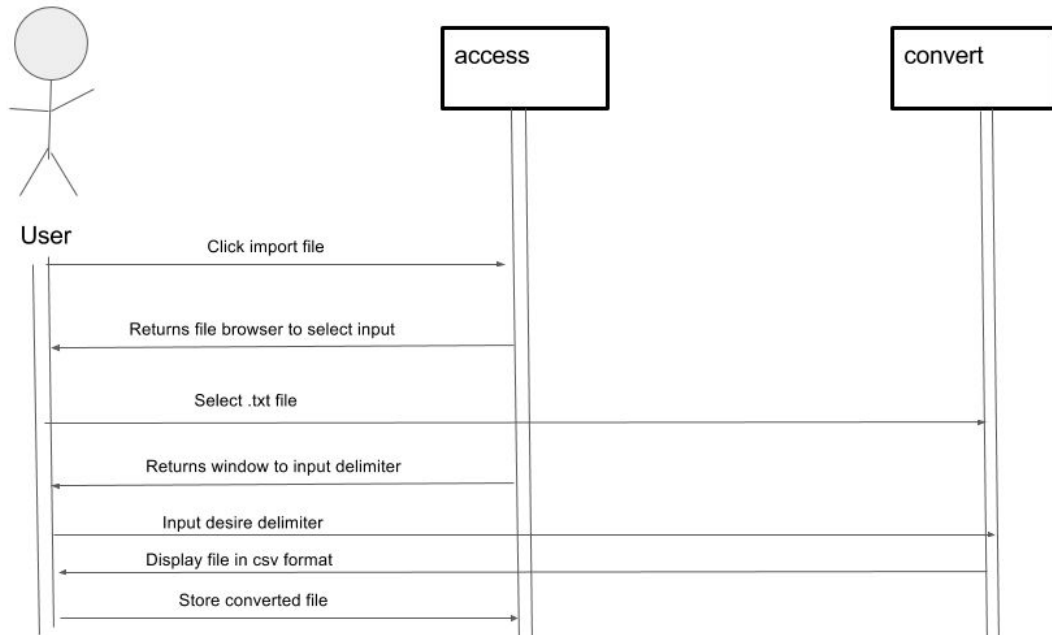
Flow of Events			
		Action	System
	1	User clicks “import file”	Pull up file browser
	2	Select file from Browser	Checks if valid type and if file exists
	3	Confirm Selection	File loaded into database
Variations			
Exceptions	-Invalid path to filename		
Developer notes			

Activity Diagram:



User Interactions:

Tyler Glotz, UR# 01, UC# 01



Tyler Glotz, UR# 02, UC# 02

