

Course Outline Builder

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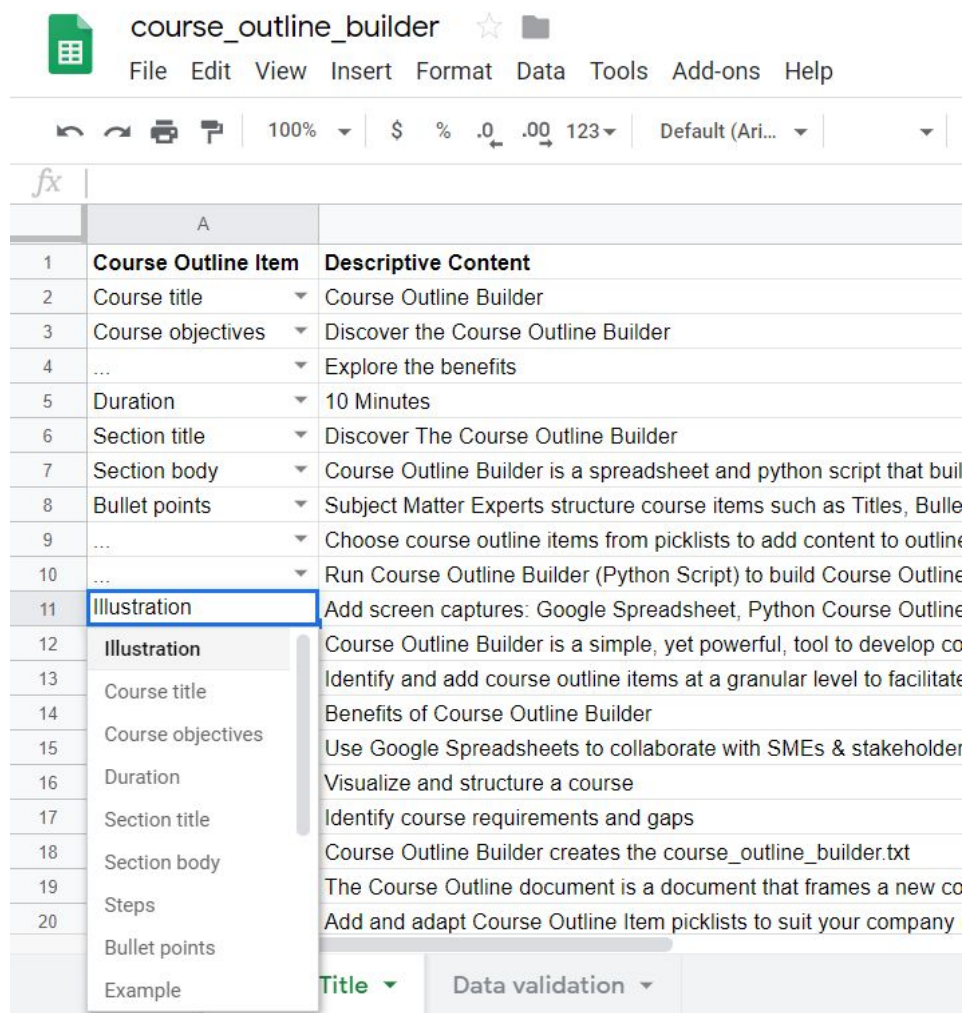
Vision

1. A process/tool to build a course outline in a Google Spreadsheet
2. Programmatically extract the course outline from the Google Spreadsheet into a text file
3. Copy/paste course outline from the text file into a Google Document for development

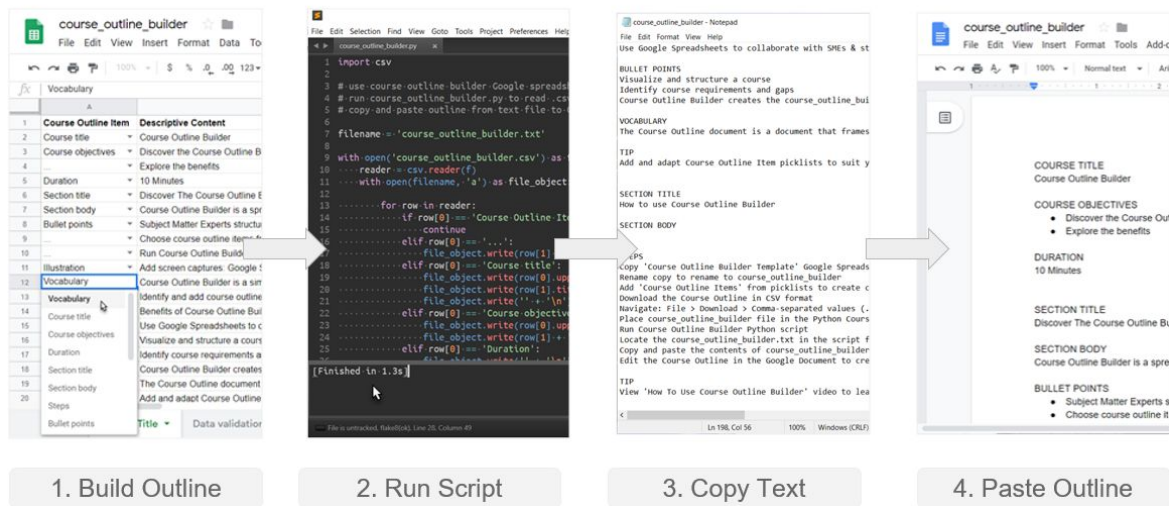
Problem

- Course development without a course outline may lead to inconsistent content
- Manually copying/pasting content from a Spreadsheet to a Document is time-consuming

Solution



course_outline_builder		
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	A	
1	Course Outline Item	Descriptive Content
2	Course title	Course Outline Builder
3	Course objectives	Discover the Course Outline Builder
4	...	Explore the benefits
5	Duration	10 Minutes
6	Section title	Discover The Course Outline Builder
7	Section body	Course Outline Builder is a spreadsheet and python script that build...
8	Bullet points	Subject Matter Experts structure course items such as Titles, Bulle...
9	...	Choose course outline items from picklists to add content to outline...
10	...	Run Course Outline Builder (Python Script) to build Course Outline...
11	Illustration	Add screen captures: Google Spreadsheet, Python Course Outline...
12	Illustration	Course Outline Builder is a simple, yet powerful, tool to develop co...
13	Course title	Identify and add course outline items at a granular level to facilitate...
14	Course objectives	Benefits of Course Outline Builder
15	Duration	Use Google Spreadsheets to collaborate with SMEs & stakeholder...
16	Section title	Visualize and structure a course
17	Section body	Identify course requirements and gaps
18	Section body	Course Outline Builder creates the course_outline_builder.txt
19	Steps	The Course Outline document is a document that frames a new co...
20	Bullet points	Add and adapt Course Outline Item picklists to suit your company...
	Example	



1. **Google Spreadsheet** - a Google Spreadsheet for structuring a course outline. The spreadsheet contains predefined items: Course title, Course objectives, Duration, Section title, Section body, Steps, Bullet points, Example, Illustration, Vocabulary, Tip, Bespoke content, TBD, ?, n/a.

.csv file - Download a Google Spreadsheet as a .csv file (not pictured above).

2. **Python script** - a Python script extracts the contents of the .csv file to a text file.
3. **Text file** - The contents of the text file (course outline) is copied/pasted directly into a Google Document for continued course development.
4. **Google document** - Follow the course outline to develop the course.

Value

- Google Spreadsheets facilitate rapid course outline development
- A structured approach facilitates consistent content
- A Python script automates the course outline extraction from .csv file

Python script dev comments

```
# open .csv file
# read .csv file row
# format row content
# write row to text file
```