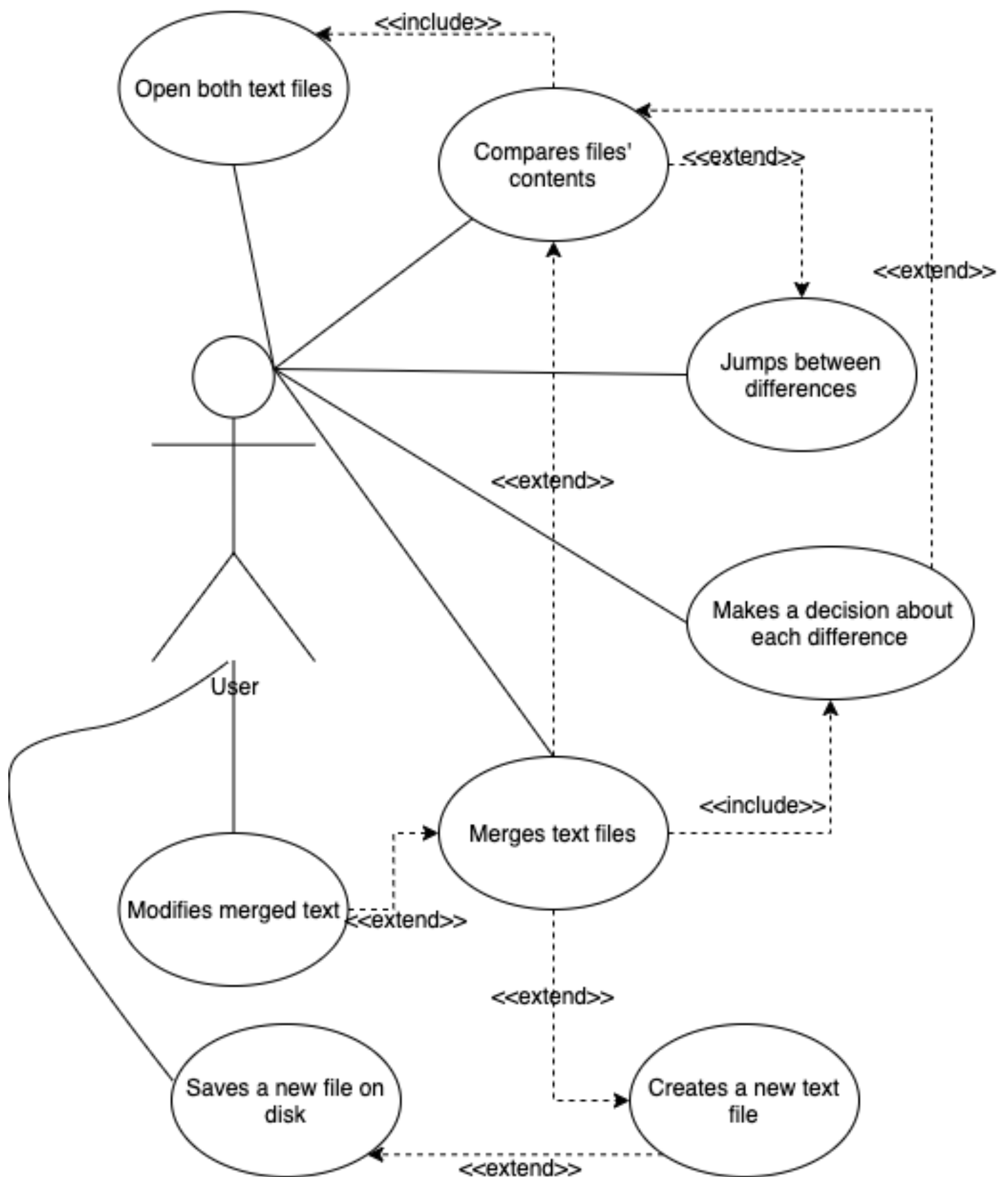# Inżynieria oprogramowania

Modelowanie przypadków użycia

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1. Use cases diagram

2. Descriptions of connections between use cases

legend:
<<include>>
<<extend>>

Compares files' contents

Opens both text files	is included due to necessity of loading data into program
Jumps between differences	is extending because user have to make an action connected with every difference
Makes a decision about each difference	is extending because user have to resolve every conflict created by difference
Merges text files	is extending because result of comparing is merging files

Merges text files

Creates a new text file	is extending because final version of document is possible to be saved in result file
Modifies merged text	is extending because user is able to change previously merged text
Makes a decision about each difference	is extending because user have to make an action connected with every difference

Creates a new file

Saves a new file on disk	is extending because a new file has to be saved

3. Scenarios

Makes decision about each difference - scenarios

First text	Second text	Result during merging texts
Additional fragment of text		Merged text has additional fragment of text from the first file if user didn't choose otherwise before merging texts
	Additional fragment of text	Merged text has additional fragment of text from the second file if user didn't choose otherwise before merging texts
Difference between fragments in text		Program will force the user to choose fragment between two versions of texts