

**Use Case Number:** 6

**Use case name:** Save Spreadsheet

**Actors:** User interacts with the spreadsheet.

**Initial State (Preconditions):**

- A spreadsheet is currently active, and the user has chosen the "Save Spreadsheet" option.

**Final State (Postconditions):**

- The spreadsheet is properly formatted, transformed, and stored as an s2v file at the designated location.

**Main Scenario (Basic Flow):**

1. System prompts user to specify a location to save the file.
2. User provides a valid path for the file.
3. System collects the current data from the spreadsheet.
4. System formats the spreadsheet content: The system parses and formats the spreadsheet data according to a pre-defined structure for s2v files.
5. System generates a new s2v file at the specified location and stores the content..

**Extensions (Alternative Flows):**

2a. Invalid Path Provided.

1. System alerts the user that the path provided is invalid.
2. System goes to step 1 of basic flow.

5a. System overwrites the s2v file linked to the spreadsheet with the updated content.