"""

file\_uploader.py

Handles file uploads and validation.

"""

def validate\_file(file, allowed\_extensions):

"""

Ensures a file has an allowed extension.

Steps:

1. Extract the file's extension.

2. Check if it is in the list of allowed extensions.

3. Return True if valid, otherwise False.

"""

def save\_file(file, directory):

"""

Saves an uploaded file to the specified directory.

Steps:

1. Generate a unique file name (optional).

2. Save the file to the target directory.

3. Return the file's saved path.

"""

def generate\_file\_name(file):

"""

Generates a unique name for the uploaded file.

Steps:

1. Extract the file's original name and extension.

2. Append a unique identifier (e.g., timestamp or UUID).

3. Return the new file name.

"""