

# Project Report

<b>Project Name</b>	File Upload & URL Shorter
<b>Platform</b>	Web Based
<b>Tech Stack</b>	HTML, CSS & Javascript, Ajax(Frontend) Python, Flask(Backend)
<b>Server</b>	PythonAnywhere
<b>Server Link</b>	<a href="http://nikhilg19.pythonanywhere.com/">http://nikhilg19.pythonanywhere.com/</a>
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<b>Submitted To</b>	FarMart Service Private Limited

## Project Summary

Here we implemented a File upload and where a short link is generated which when accessed lets us download the original file on our system. Varied type of file extensions can be uploaded here but size restriction is imposed because we used an online free server i.e. PythonAnywhere. The platform is run and hosted on Web whether on Chrome, Safari, Firefox(updated to the latest versions, won't run on older versions).

## Goals/Objectives

- *Implemented a user interface that allows users to select and upload a file.*
- *Display a short link after the file is successfully uploaded.*
- *Provide a download link for the uploaded original file.*
- *Implement a file deletion feature to allow users to delete their uploaded files.*
- *Implement a server-side API that handles file upload and short link generation.*
- *Store the uploaded file on the server or on a Cloud Storage Service.*
- *Generate a unique short link for each uploaded file.*
- *Store the short link and the corresponding file information in a database.*

## Obstacles/Challenges

- Ensuring the code was consistent and the website is fully responsive.
- Including graphic & styling elements without adding too much load time.
- Integrating the front end with the back end and choosing the Back end language and framework.

## Additional Links:

<https://github.com/ngarg19/FileUpload.git>  
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