How the application for shorting url implimented

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As usual, having no idea, serching on net, get many, but finally you have to implement the one. I have done this project on my local machine as a server using XAMPP application and using manily PHP and MySQL languages and also somewhat HTML, CSS, JavaScript as needed.

My application works on a very simple proccedure as follows:

Take the long url as input from usr via POST method from user. Do some modification in it and check if it already present in our dayabase or not. If it is then take this url's corresponding key from the database and return it back to the user, else generate the key using md5() and some string manupulating function and store it into our database and also return the key to the user.

While returning the key back to the user, I create a php file in the current directory with the current key' name if it does not exist,else move further. I put a session veriable in it holding it key value and put the header function in it to redirect it to a another php file in which I have created the functionality to re-direct the user to the url corresponding to it's key. Now, after this, if user ever put that url in browser address, he will be redirected to his/her actual address after two seccessive redirection.

1. Variable used:-

   - I have used server side variable as $_SERVER['HTTP_HOST'], $_SERVER['SCRIPT_NAME'] to get our current location in the server directory.

   - I have also used session variable to store same value while redireacting user to another page.

   - Others are just a local variable to store input url, shorted url, key for any particular url etc.

2. Functions used:-

   - I have used some string maunpulating function such as str_shuffle,str_replace, md5() etc. and header function to redirect the user. I have also used some database side function for MySQL quries. I have used file operation functions as fopen(), fwrite(), fclose() etc.