For the project plan, please submit the following:  
1. Word document describing your web app. Please include the following.  
- Listing and description of each separate page on your web app.  
- Description of which part of each page will be part of a template and which part will be generated dynamically  
- Explain how navigation will work on your web app (which links will be available on  
each page)  
- Which level on the rubric you are aiming for

CP1895 Project – Flask Web Application

The project is to create a web app for a collection of cooking recipes.

The project web app will have a homepage that introduces the recipe page. To get started with uploading your own new recipes to the server you will have to sign up and create an account. This option can be found in the upper right-hand corner of the homepage. To create an account click Login/Sign up. This will take you to the login page where you will find Sign Up button to the right of the Login button. Fill out the Sign up form and click Submit at the bottom of the form. Once the account is created you will be automatically redirected back to the login page. Fill out your information and then click on Login. The page where recipes are displayed will be accessible with the “Find recipes” link in the toolbar of the homepage. Each collectible item displayed will include at least one image and at least 3 text elements. The text element options will be recipe name, description, ingredients, preparation time, cook time, total time, and serving instructions. The form to upload new recipes to the server will be accessible with the “Create recipe” link in the toolbar of the homepage. The form to upload new recipes to the server will have both javascript validation for the form and server-side validation of the data. You will be able to click on the “Choose file” button at the top of the form to upload at least one image. You must add to at least three of the text elements below. To remove a recipe item, click on your username in the upper right-hand corner and select “Remove recipe item” from the dropdown menu. Once this is clicked you will be brought to the page where your uploaded recipes are displayed and the ability to remove text elements from them.

2. Word document describing technical requirements of your application. Please include the  
following:  
- Listing of format for CSV file  
- Listing of any optional technologies you plan to include  
- Do you plan to deploy to AWS?  
- Listing of all static files (html, css, images) you plan to use with your web app  
- Additional Resources. Go and find 3 additional resources and list them here. These  
can be tutorials, or webpages which you will use to learn more about creating web  
apps with flask.

CP1895 Project – Flask Web Application

The project is to create a web app for a collection of cooking recipes.

The CSV format will be: recipe name, description, ingredients, preparation time, cook time, total time, and serving instructions. The optional technology I plan to include will be a login system using flask-login library and sqlite for the database. The static files I plan to use with this web app are the html, css, and image files. The additional resources I plan to use to learn more about creating web apps with flask are:

<https://www.codecademy.com/learn/paths/build-python-web-apps-flask>

codecademy Skill Path Build Python Web Apps with Flask

<https://www.pluralsight.com/paths/building-web-applications-with-flask>

PLURALSIGHT LEARNING PATHS Building Web Applications with Flask

[Flask Course - Python Web Application Development](https://www.youtube.com/watch?v=Qr4QMBUPxWo)



freeCodeCamp.org Flask Course – Python Web Application Development

<https://www.jetbrains.com/help/pycharm/creating-web-application-with-flask.html>

Creating Web Applications with Flask