
TRIP PLANNER : Web Application Project Work

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Abstract

We have a project to provide travel planning services. Our web services are developed to provide **travel planning processes, plan-based checklists, documentation of planned content, and travel-related file management services**. We planned web services thoes can provide easy and convenient service for those who have difficulty planning, or who travel frequently and lazy people .

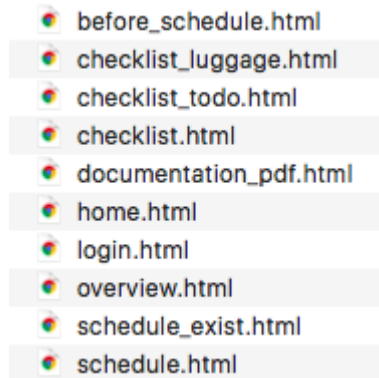
about PROJECT

- Title - TRIP PLANNER
- Reason (Why we select this topic)
 - Recognizing the increase of domestic and international travelers including us.
 - Many travelers feel tired when planning. Even before going on a trip.
 - Complexity and inefficiency of existing travel web services.
 - Needs for simple and easy-to-use service
- What <TRIP PLANNER> Can Do
 - Planning process that requires only the information that is essential to the user.
 - Flexible services that allow users to enter context without regard to order.
 - Generate a good schedule table based on user-entered information.
 - Remind users about the information they missed.
 - Generate additional checklists for your purposes.
 - Offline documentation of all information entered by the user.
 - Categorize files according to the user's upload, and then provide all files as zip files

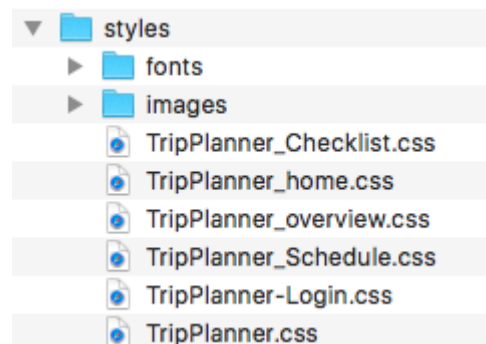
Implementation of the project.

- Project Configuration.

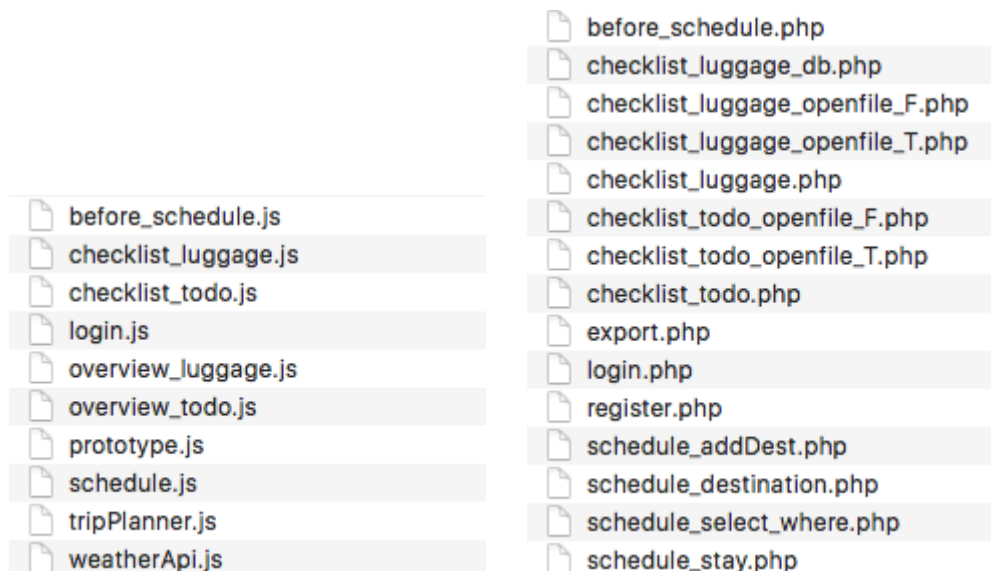
- based on HTML



- styling with CSS



- make functions in PHP, JS with AJAX, JQUERY

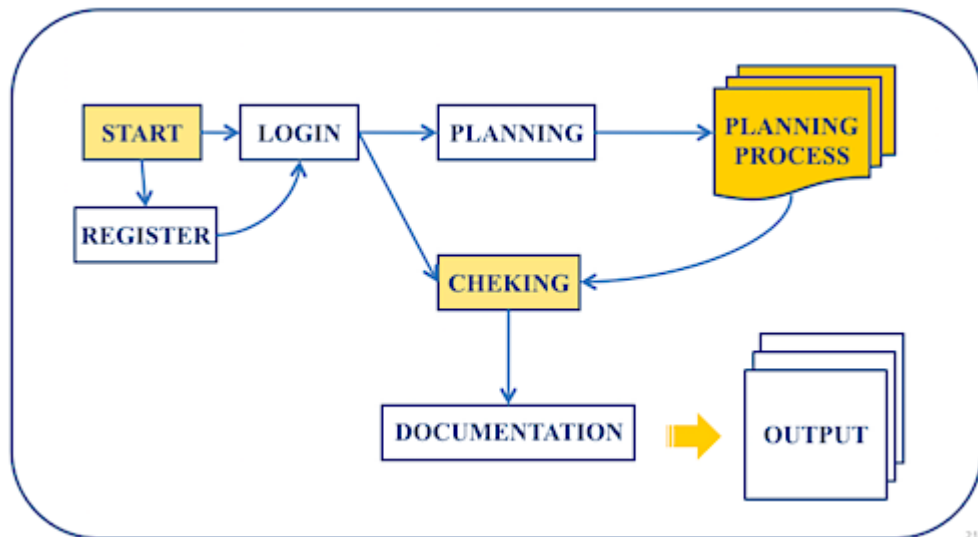


Implementation of the project.

- Program Execution Screen and Detail Function Description

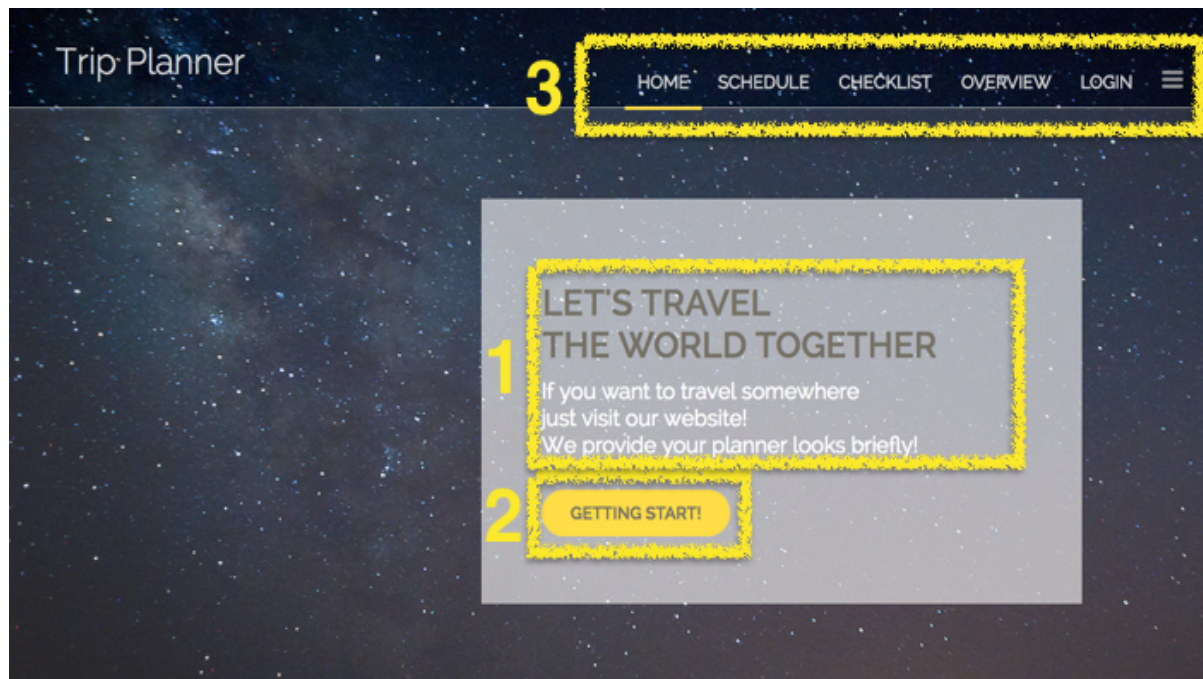
This Web Services fall into Five parts. [Home, Login, Schedule, CheckList, Overview]

And here is how those five parts flow in actual Web Services.



- Now, here are Detail Function Description with Program Execution Screen

[HOME]



- Main function of this page : Introduce what this web service do
- Detail description
 1. Introduce our Web services's concept in the first screen when user come in.
 2. When Users click 'GETTING START', they can move to login page
 3. When Users click each tab menu , they can move to each page
- What we use to make these

These are elements in "home.html".

To make tab menu work, we use tag `<a>` in html.

Therefore when each elements are clicked, they open another html file.

how "GETTING START" work is the same way, (tag `<a>`)

[LOGIN]

The image displays two side-by-side screenshots of a web application interface. The left screenshot shows the 'LOGIN' tab selected, with fields for 'User name' and 'Password', and an 'ENTER' button. The right screenshot shows the 'REGISTER' tab selected, with fields for 'User name', 'Password', and 'Password Check', and a 'SIGN' button. Yellow dashed boxes and numbers 1-5 highlight specific elements in both forms.

- 1. Tab menu (LOGIN / REGISTER)
- 2. User name input field
- 3. Password input field
- 4. Password Check input field
- 5. ENTER / SIGN button

- Main function of this page : Login and Register before use web services

- Detail description

1. When Users click each tab menu,

the content(div #tab1_login / #tab2_register) become visible.

2. User can input their ID and PW.

3. When Users click "Enter"

Check that user is registered already or not.

Check that ID and PW are correct with there information.

4. User can input their ID and PW.

5. When Users click "SIGN"

Check that ID is already e or not. if it is new one, then check the PW.

- What we use to make these

These are elements in "login.html".

To make tab menu work, we use tag <a> in html.

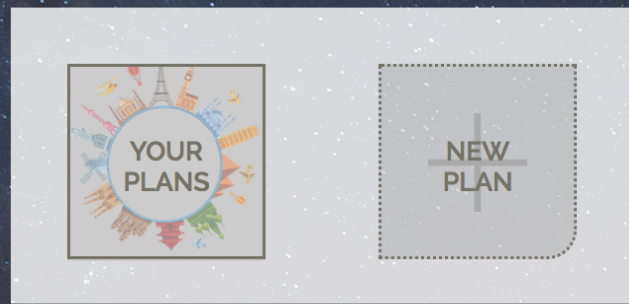
When each tab elements are clicked, they work with fuction to make div visible in

javascript(tripPlanner.js)

We use php(login.php/register.php), javascript(login.js), ajax in login and register process.

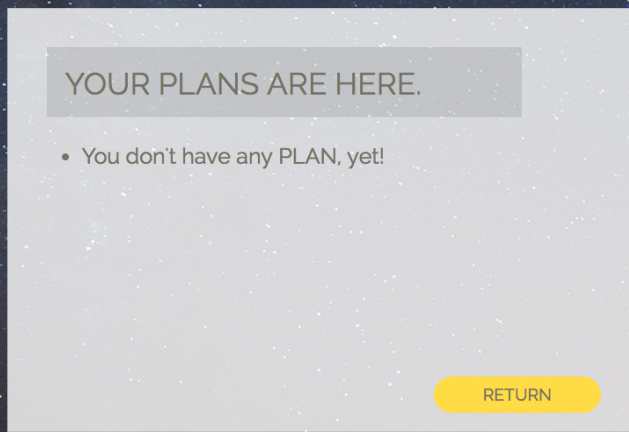
[SCHDULE] (1) Before make Schedule

1.



(in before_schedule.html)

2.



(in schedule_exist.html)

- Main fucntion of this page : Give the list of plans user have

- Detail description

When Users login sucessfully, they are moved to here.(before_schedule.html)

When Users click "YOUR PLANNS",

(What we planned, but not implemented yet)

They can see the list of plans they made before.

If they are new users, there no list yet.

- What we use to make these

These are elements in "before_schedule.html" and "in schedule_exist.html".

To make the list of plans,

We use php(schedule_exist.php), javascript(schedule_exist.js) with ajax, json.

[SCHEDULE] (2) Make Schedule

1. WHERE WOULD YOU LIKE TO GO?

☒ In-Out Same ☐ In-Out Different

DEPARTURE A Point OF Departure

DESTINATION Destination Country, City

IN DATE 연도. 월. 일 OUT DATE 연도. 월. 일

Next->

2. ADD ANOTHER CITY, IF YOU WANT!

MOVE TO Country City IN 연도. 월. 일 OUT 연도. 월. 일

YOU CAN ADD MORE

3. WHERE DO YOU SLEEP?

WHERE? WHEN? Where you sleep?

Important MEMO ex)REMEMBER! check-in EARLY!

YOU CAN ADD MORE

4. MUST VISIT and CHECK

WHERE? WHEN? Where you go?

Important MEMO ex)Pay for ticket, cash ONLY!

YOU CAN ADD MORE

5. ADD ANOTHER CITY, IF YOU WANT!

MOVE TO Country City IN 연도. 월. 일 OUT 연도. 월. 일

YOU CAN ADD MORE

- Main function of this page : Schedule making process

- Detail description

1. User input departure, destination, indate, outdate.

They can choose in-out country differently.

These are essential information

2. It is optional, but if user want, they can add another country or city they will move to .

- 3-4. User input information about where they sleep, where they visti.

They can upload thier files about reservations.

If they check 'important' they can see them highlighted in schedule table later.

5. Adding more lines is unlimited.

- What we use to make these

These are elements in "schedule.html".

To make schedule making work, we use <form>,<input> in html.

We use php ("schedule_addDest.php", "schedule_destination.php", "schedule_select_where.php", "schedule_stay.php") , javascript("schedule.js") with ajax, json.

[CHECKLIST]



- Main function of this page : Give the checklist about luggage or must to do.

- Detail description

1. User can add unlimited list items.

- What we use to make these

These are elements in "checklist.html", "checklist_luggage.html", "checklist_todo.html"

To make save changed list, we use <a> in (div.cover) and give them function to save in

javascript.

We use php ("checklist_luggage_openfile_F.php", "checklist_luggage_openfile_T.php", "checklist_luggage.php", "checklist_todo_openfile_F.php", "checklist_todo_openfile_T.php", "checklist_luggage.php") , javascript("checklist_luggage.js", "checklist_todo.js") with ajax, json.

[OVERVIEW]

1 YOUR RECENT PLAN's OVERVIEW

Germany				Czech Republic	
Frankfurt	München			Prague	
shiny, 12°C	rainy, 17°C	cloudy, 15°C	cloudy, 19°C	shiny, 9°C	shiny, 6°C
12/15	12/16	12/17	12/18	12/19	12/20
Hilton Hotels	Hyatt Hotels & Resorts	Accor Hotels	Missed		
1. todo1 2. todo2	1. todo1 2. todo2	1. todo1 2. todo2	1. todo1 2. todo2		
Not FREE Toilet	Not Friendly to Foreinger		Cheaper than Other E.U country		

2 Notice

Some Schedule are Missed :

1. sche1
2. sche2

Luggage :

1. lugg1
2. lugg2

3 Documentation

PDF Word

4

5

MORE

3 More Information

airbnb
Expedia
skyscanner

- Main function of this page : Give the overview of plans user made
- Detail description
 1. Make the schedule table by using user's trip information (What we planned, but not implemented yet)
 2. Notice about what they missed in schedule and unchecked luggage list
 3. Give people to their schedule and checklist in .pdf or .word file.
 4. Give information about weather in trip day.

5. Give highlighted content what users missed.

■ What we use to make these

These are elements in "overview.html".

We use API("weatherApi.js"), JQuery, JSON to generate weather information.

We use fpdf, AJAX to documentation.

We use php ("overview_createTable.php", "overview_table_cities.php", "overview_table_sleeps.php", "overview_table_startend.php") , javascript(("overview_createTable.js", "overview_luggage.js", "overview_todo.js", "weatherApi.js") with ajax, json.

● Role Assignment

- 김유정 : Schedule, Register js, php function implementation, Mid Presentation
- 박지수 : Total CSS Styling, basic js function (related layout) implementation, HTML
Drawing up documents (PPT, Report)
- 이지원 : Login, Checklist, ScheduleList js, php function implementation,
- 조윤수 : Html Outline, Overview(weather, documentation) js, php function implementationpage,
Final Presentation

Conclusion

We have developed an easy and simple travel planning service for increasing travelers. In order to differentiate from other similar services, Trip Planner requires only the necessary information that is not complicated in format. Documentation of schedule tables and efficient management of reservation files will ensure the characteristics of the trip planner. We expect that if we apply security technology to the web service we developed and develop it by embodying other functions, it will be competitive in actual service.