Tourist Guide

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Abstract

"This project is all about to have a little help for the tourists who loves travelling.we actually tried to give a list of historical places according to the choice of the division of the user. when someone choose any place it will show the distance of the place from Dhaka and the route of he/she can go there. if the user had already taken any place earlier from our project then it also can give a suggestion on the basis of his/her previous choice!"

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Chapter 1

Introduction

"Tourist Guide" is the name of our project.The main purpose of this project is to help those who are extremely fond of travelling. Often travelers got confused about where she/he should go. So our aim is to help them to choose a suitable place her/him. We also tried to give a suggestion on the basis of his previously chosen place.

1.1 First step

At first when you will start our project you have to sign up. Then you have to put your user name and password to log in into our project. If you are already a member then you have to put your user name and password which you have given into our system in sign up. Then after log in you can explore our project.

1.2 Second step

In our project you can select the spot either division wise or tourism wise. We have divided spots into two sections to help the users to select the place as per their interest.Either you can choose division wise spot or you can choose tourism wise spot.

1.3 Advantages Of Our Project

The advantages of our project is our project a user to be a member through sign up. And the old members gets the benefit to select a devision or tourism for further visiting in which some of the places they have visited and some of the places they have not visited.

1.4 Disadvantages Of our Project

The Disadvantages of our project is by default we have shown the distance from Dhaka to deferent tourist spots. And Our project can not give information about hotels,transports regarding tourist spots.

1.5 Improvement

Our intension is that we will upgrade our project by giving opportunities to our user of selecting the source address of where they are at present. And we will give the information that a tourist needs while visiting a place.

1.6 In Closing

In conclusion we can say that the main objective of this project is to show a guideline for the tourists. They have to put where they wants to go. If once someone selects a place then it will show the distance of the place from his place.And his history will be kept in our project to help him further.

Chapter 2

Related Work

2.1 Introduction

Nowadays people use mobile phones and other mobile devices. Most of us have a small computing device that is always with us. People use it example for calling, as calendar and organizer. Mobile devices with GPS receiver are also used to find paths in navigation.The main disadvantage of those systems is that we have to know places which we want to visit and they usually do not store any usable, valuable information about points of interest except phone numbers and addresses.

2.2 Related Works

There are various projects that are with us. Such as "Android Tourist Guide". This project android tourist guide provides the tourist with city map depending on its current location entered by the android phone user. This information helps the tourists to find the desired locations to visit. Well it consists of entire details of those locations or how to reach the location as well as other emergency amenities like hospitals, institutes, bus stops etc but it provides the basic information to decide the places to visit. This project is mainly beneficial for the tourist's having no idea about the places they want to visit. By providing a geographic based information system the tourists and people shifting to new cities can get a better guidance of the places they want to visit .This proposed application does not require any Internet access and thus eliminates the disadvantage of

single point failure. By making the application GIS based, it includes many advantages as the user can view the required location in map and accordingly estimate the time that will be required to reach the final destination. The system gives the basic details that will be required such as an image of that place along with basic details like the address, contact no etc.In this Tourist Guide Project system, the map of the city is provided to the people in their phone which they get them via installing this application into their android phone. The map will help the travelers to find their desired location. The side bit also consist of the details other than location such as how will they reach their and how will they enjoy their and so on. This Tourist Guide Project applications is truly designed for the people who loves to travel and many a lot of times they are the alone one's who travel. This application works on android platform.

And another is "Intelligent Tourist Information System (Computer Project)". The main idea of this thesis was to design a system that will run on most of phones and palms and will be helpful when visiting some new places and cities. This system should be able to find a route using user criteria.Those criteria should be simple and natural, like for example: a list of museums, the most famous historical objects, restaurants to visit, constraints to travel by bus and by walking. The system should find a path that fulfills those criteria, show it on screen, show names of objects, some short descriptions and photos of them and possible entrance costs.It should also be able to estimate time needed to travel from one object to the next and if it is possible, advise which bus line or other public means of transport may be used. It should be helpful for people that want to visit a city without having much information about it. Paths that are output of this system are only a proposition for trip. They will not be optimal but can not be counter intuitive and must be acceptable by the user. Source: Heidelberg University.

2.3 Conclusion

Our project is different from this related works because we have made it completely easy for the user. And the user will much be happy after using our project.

Chapter 3

Proposed Project

3.1 Log in or sign up

At first you have to give choose you are new or not.IF you are new you have to select y option.If you are old you have to select new option.Then if your are new you have to give your user name and password for sign up and then you have to log in. If you are old then you have to just give your registered user name and password to log in.

3.2 Choose Where To Go

After log in you can choose two option for visiting.Either you can choose division wise tour by clicking 1. OR you can choose tourism wise tour by clicking 2.

3.2.1 Division Wise Tour

In division option you will get tourist spots of each and every division. By this facility you can choose a division and then can visit every tourist spot situated in that division.

3.2.2 Tourism Wise Tour

In Tourism option You will get tourist spots of many division according to a specific tourism.Like if you want adventure tour you can see all the adventure tour spots in our project and you can select a spot from them.

3.3 Suggestions For The Member

When you will be our old member you will have a great benefit from us. We will save your history in our project so that we can give you option to select that devision or tourism for further visiting which place you have not visited.

3.3.1 Figures

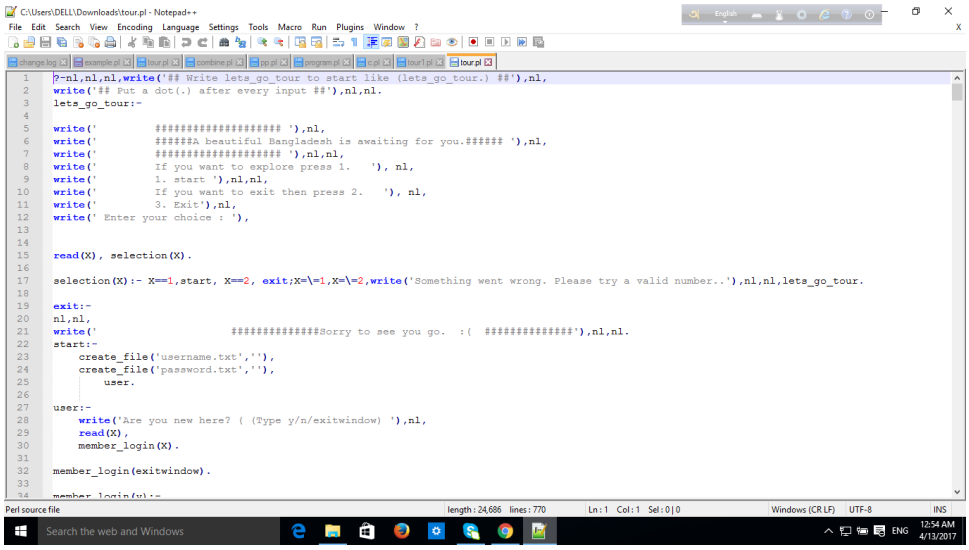


Figure 3.1: Screenshot1 of project

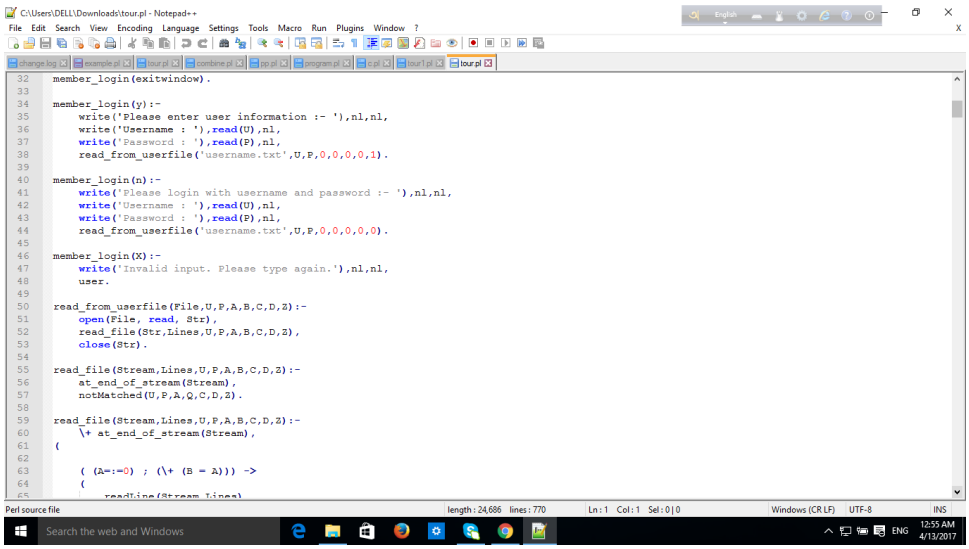


Figure 3.2: Screenshot2 of project

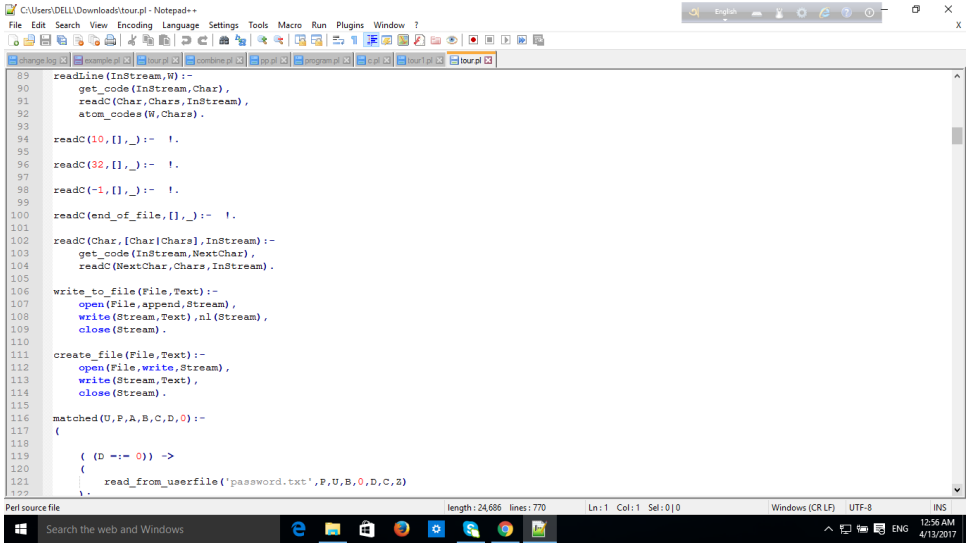
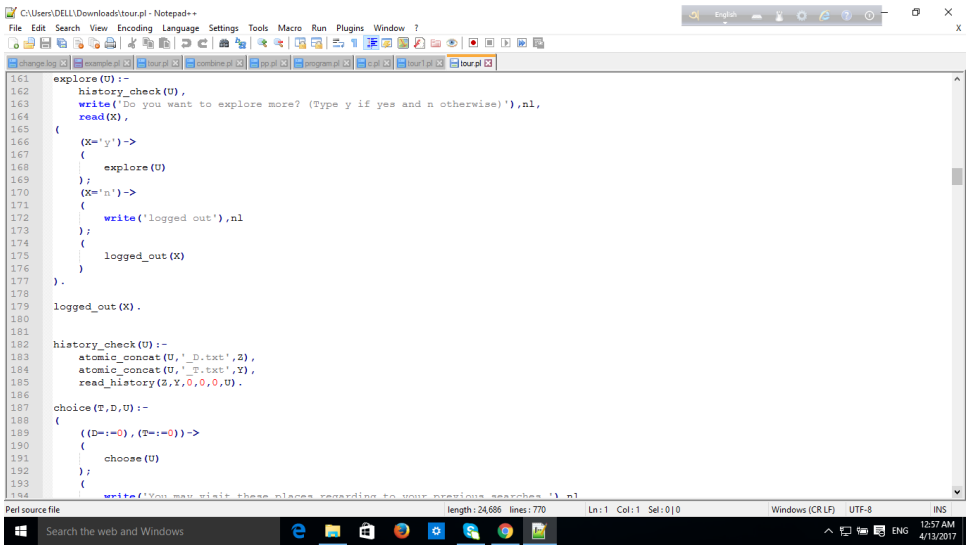


Figure 3.3: Screenshot3 of project



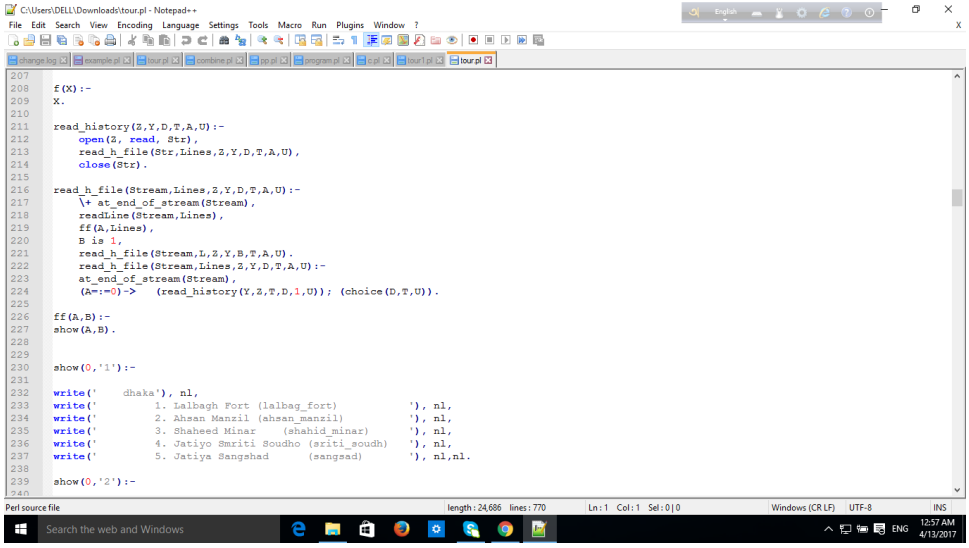
```
explore(U):-
    history_check(U),
    write('Do you want to explore more? (Type y if yes and n otherwise)'),nl,
    read(X),
(
    (X='y')->
    (
        explore(U)
    );
    (X='n')->
    (
        write('logged out'),nl
    );
    (
        logged_out(X)
    )
).

logged_out(X).


history_check(U):-
    atomic_concat(U,'_D.txt',Z),
    atomic_concat(U,'_T.txt',Y),
    read_history(Z,Y,0,0,0,U).

choice(T,D,U):-
(
    ((D=:=0),(T=:=0))->
    (
        choose(U)
    );
    (
        write('You may visit these places regarding to your previous searches.') nl
```

Figure 3.4: Screenshot4 of project



```
f(X):-
X.

read_history(Z,Y,D,T,A,U):-
    open(Z, read, Str),
    read_h_file(Str,Lines,Z,Y,D,T,A,U),
    close(Str).

read_h_file(Stream,Lines,Z,Y,D,T,A,U):-
    \+ at_end_of_stream(Stream),
    readLine(Stream,Lines),
    ff(A,Lines),
    B is 1,
    read_h_file(Stream,L,Z,Y,B,T,A,U).
    read_h_file(Stream,Lines,Z,Y,D,T,A,U):-
    at_end_of_stream(Stream),
    (A=:=0)->   (read_history(Y,Z,T,D,1,U)); (choice(D,T,U)).

ff(A,B):-
show(A,B).


show(0,'1'):-

write('    dhaka'), nl,
write('         1. Lalbagh Fort (lalbag_fort)          '), nl,
write('         2. Ahsan Manzil (ahsan_manzil)         '), nl,
write('         3. Shaheed Minar    (shahid_minar)     '), nl,
write('         4. Jatiyo Smriti Soudho (sriti_soudh)  '), nl,
write('         5. Jatiya Sangshad      (sangsad)      '), nl,nl.

show(0,'2'):-
```

Figure 3.5: Screenshot5 of project

Chapter 4

Conclusion

We tried to make our project user friendly as much as possible. There is a huge opportunity to improve this project. Though this project is not much enriched with different features but we can make it more interesting and it can be a very much useful product for our users.

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