

Finding the fastest way between two given places is in recent hurried times quite useful thing. According to the complexity of traffic networks in larger cities a route searching engine becomes almost a necessity. Typical programs that focus on this problem usually do not pay attention to paths between individual stops and allow only movement in the scope of a single station. Many people, mostly those who do not know the area well enough, do not realize that in a city they can relatively quickly move by foot. Goal of this project is to design and implement a program which will be able to navigate user in the scope of a given city to a specified destination using means of public transport and walking. Instead of navigating only between stations, any place in map should be accepted.