

Project Description

The company 14Eleven Development seeks to build a web-based travel content management solution to provide their business-to-business (B2B) clients an efficient platform to edit, showcase, and organize their content. Travelers from all over the world visit towns and cities they may know little about, and they want to experience all the local activities, places, and events during their stay. Our B2B clients require a toolset to integrate and/or sync data from external systems or sources; to build and create complex tours for travelers to follow and track on a mobile device; and to maintain their data, including text and media assets.

User Classes

Business Owner

A business owner creates and manages his or her company's data.

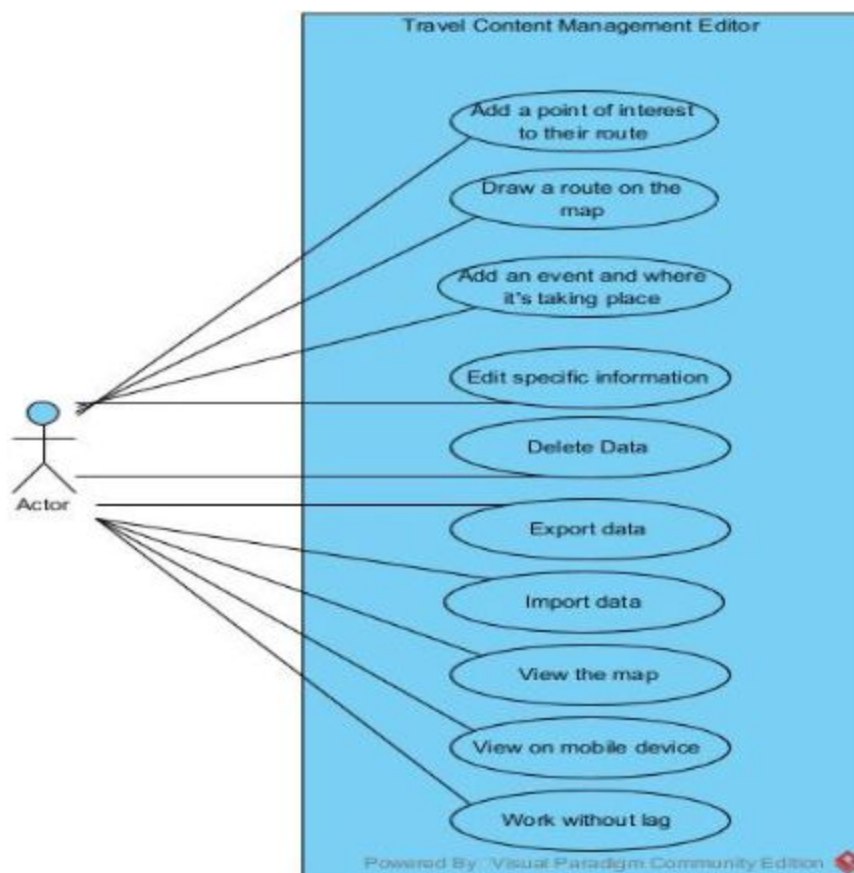
They will:

- Add or edit events and locations on a map view
- Draw travel routes directly on the map
- Have the ability to import or export data from their business' personal webpage

Technical Constraints

All data will be stored and accessed using Microsoft Azure products and services, written in .Net and C# whenever possible. Data imported or exported from the page must be able to do so through a JSON or CSV file format. The system must be responsive in design and work on desktop and mobile devices.

Use Case Diagram



Function Requirements							
ID	Use Case	As a(n)	I Want	So that	Acceptance Criteria	Priority	Assumption
RF-1	Add point of interest	Business Owner	to be able to add a location on the map with all necessary details	App users will be able to see those locations which will promote my business	Business owners should have the ability to create specific locations on the map while adding details about it including a description, link to website, etc.	High	The user can add an unlimited number of locations on the map
RF-2	Draw route on map	Business Owner	to be able to draw a route on the map view between locations	App users will be able to see the route and have the best possible course to take if they decide to visit those places	Business owners should have the ability to draw a route on the map between locations, whether it be a recommended route or the route of a paid tour	Medium	The ability to draw a route on the map is of lesser priority than most other functional requirements.
RF-3	Add event	Business Owner	to be able to add the details of an event along with all locations that the event is taking place	App users will be able to see those events which will promote my business	Business owners should be able to create an event by marking the location (s) that it is taking place and adding details	High	An event may be allowed to have more than one location attached to it and there is no limit on how many locations an event can be taking place at.
RF-4	Edit specific information	Business Owner	to be able to change specific things about my tours. For example maybe I'd like to reverse it and have it start where it currently ends.	I won't have to delete my data everytime i need to make a minute change to my things.	Businesses should have software flexible for their needs. This includes making changes to their data when and where they see fit.	High	This feature is as important as the ability to add and delete events, locations, and routes

RF-5	Delete data	Business Owner	to be able to delete data.I'd like to be able to delete points on the routes as well as whole routes themselves.	my webpage will not look cluttered from past tours we have set up.	The business owner should be able to remove anything they have added to the webpage, as it may eventually no longer be viable.	High	Owners will continue to use this application, making it important that it can change over time
RF-6	Export data	Business Owner	to be able to export data from this software onto my own webpage	I can show the results of the software on my own webpage	The business owner should be able to export all the content they've managed back onto their personal webpage through a JSON or CSV	Low	The only file types that need to be able to be exported are JSON or CSV
RF-7	Import data	Business Owner	to be able to import data from my own webpage	I can manage it through this app	The business owner should be able to import data from their own website and manage it on this software through a JSON or CSV	Low	The only file types that need to be able to be imported are JSON or CSV
RF-8	View map	Business owner	to be able to see the data that I have input on the website on the map	I can see the map view of what the app users see and have an overview of all my current data	The business owner should be able to have a map view of his data on the main page.	High	The view of the map for the businesses is the most important and should be displayed prominently.
Non-Functional Requirements							
ID	Use Case	As a(n)	I Want	So that	Acceptance Criteria	Priority	Assumption

RNF-1	View on mobile device	Business Owner	to be able to view and edit my business' information on the go through the mobile view	I can add, edit, or delete information with ease when I do not have access to my laptop	The business owner should have a functional view of the website on his or her mobile device with all the same functionalities as the page when viewed on a computer	Medium	This feature is of lesser priority than functionality of the webpage when accessed through a computer
RNF-2	Work without lag	Business Owner	I want to have quick access to my data without long lags in connection	I can easily edit without having to worry about a lagging system, particularly when accessing the page from my mobile device	The business owner should be able to access and edit his or her data quickly without much lag	High	We never discussed this particular use case, but we assumed that this feature would be wanted