

Created by: Simone Moima

Student number: 92007845

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Subject: Project Java and Web Development (DLBCSPJWD01)

1. Conception Phase

User group: Persons interested in traveling but without a clear destination in mind.

Aim: Help the user find a destination based on a preferred temperature.

Description: The application should guide the user in making a choice about a suitable travel destination, based on their temperature preference. The user will enter the application through a browser. Here the user will choose if they want to have their search based on current weather data or on the average temperature in a chosen month. To structure the search in advance, the user should choose a continent they would like to travel to before choosing their temperature preference. The temperature will be sectioned into 10 C° intervals. The results will be displayed in Celsius, including the names of the places and the countries they are situated in.

Technologies: The coding environment will be Visual Studio Code. The back-end server will be the openWeatherMap API. The front-end technology will be Vue.js, a JavaScript Framework. In addition, Bootstrap will be used.

