Drive distance calculation program

Note: This test plan was originally written in Finnish, but translations are available.

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# MUUTOSHISTORIA (REVISION HISTORY)

|  |  |  |  |
| --- | --- | --- | --- |
| Person | Date | Version | Comment(s) |
| Timo Rantasuo | 25.4.16 | 0.0.1 | Document has been created |
| Timo Rantasuo | 10.6.16 | 0.1.1 | Document has been modified. |

# JOHDANTO (INTRODUCTION)

## Dokumentin tarkoitus (Purpose of the document)

In this document, I’m going to portray the program step by step. The meaning of this program is to calculate the distance that staff has been driving on car, and its purpose. So the program calculates the driven distance, by giving program the addresses, after that you can choose the date, present or another date, then it shows you the results and after that, it saves the data to database.

# Määritelmät ja termien selitykset (DEFINITIONS AND EXPLANATION OF TERMS)

|  |  |
| --- | --- |
| Term | Description |
|  |  |
|  |  |
|  |  |

# TESTAUKSEN KOHDE JA TAVOITTEET (TEST SUBJECT MATTER AND OBJECTIVES)

## Testauskohde (Test target)

Test target is the program that has been described. Travel Calculator

## Tavoitteet (Targets)

Target in this program is that it is functional, user friendly and simple. Calculator should be easy to use, and saving and seeing your saved distances should be impeccable.

# TESTAUSYMPÄRISTÖ (TESTING ENVIROMENT)

|  |  |
| --- | --- |
| OS | Hardware |
|  |  |
|  |  |

# testattavat toiminnot (FUNCTIONS THAT NEED TO BE TESTED)

All buttons in the site. User settings, email, password and address change need all to be tested. Calculator with its buttons and messages need to be tested. Login and registration.

# toimintojen testitapaukset JA Raportointi (FUNCTION TEST CASES AND REPORTING)

|  |  |  |  |
| --- | --- | --- | --- |
| Num. | Function | Test case | Acceptance criteria |
| 1 | Login | User can login after registration | Login successful |
| 2 | Registration | New user can register successfully | New user is added |
| 3 | Buttons | All buttons are functional in site | Moving is untrammeled in site |
| 4 | Calculator: Giving address and date | Addresses can be given to field and datepicker works. | Can move to calculator results |
| 5 | Saving data to database | Calculator shows distance and save to database button shows up. | Data is saved to database and message is shown. |
| 6 | Settings | User can change his/hers setting freely without any problems. | Data is changed successfully. |
| 7 | Admin travel data | Admin can see all saved data. | Data is shown in page. |

|  |  |  |
| --- | --- | --- |
| Num. | OK/FAIL | Description (if Fail) |
| 1 |  |  |
|  |  |  |

# ei – TOIMINNALLISTEN ominaisuuksien testaus (NON-WORKING functional properties TESTING)

## Kuormitustestaus (Load testing)

* Calculator should not handle more than 5 events in one time

## Käytettävyys (Usability)

* Moving in the site is free and easy

# erikoistilanteet (SPECIAL SITUATIONS)

# ominaisuudet, joita ei testata (properties, not to be tested)

# TESTAUKSEN organisointi ja raportointi (TESTING ORGANISATION AND REPORTING)

## Testausryhmän kokoonpano (Test composition of the group)

## Raportointi (Reporting)