# 1 Effort Spent

## 1.1 RASD document

#### 1.1.1 Axel Rebner

- 4/10/17: Kick-off and planning 1,5 hours
- 8/10/17: Overview, layout and mindmap 3 hours
- 10/10/17: Latex structure, text writing and sketch UML 3 hours
- 15/10/17: Use Case, Sequence Diagram 3,5 hours
- 15/10/17: Class Diagram, Statechart 1 hours
- 18/10/17: Planning and revision of document 3 hours
- 22/10/17: Working with the Alloy model 5 hour
- 24/10/17: Introduction, Product Perspective and Alloy 1,5 hours
- 25/10/17: Reviewing Document 4 hours
- 25/10/17: Assumptions 2 hours
- 26/10/17: Final review 1,5 hours

### 1.1.2 Caroline Kverne

- 4/10/17: Kick-off and planning 1,5 hours
- 10/10/17: Requirements start and overall structure 1,0
- 11/10/17: Functional requirements 4,5 hours
- 16/10/17: NFR and rest of requirement section 3,0 hours
- 18/10/17: Planning and revision of document 3 hours
- 23/10/17: Test Case and Appendix 4 hours
- 25/10/17: Reviewing Document 4 hours
- 25/10/17: Assumptions 2 hours

## 1.1.3 Joakim Jerkenhag

- 4/10/17: Kick-off and planning 1,5 hours
- 8/10/17: Overview, layout and mindmap 3 hours
- 10/10/17: Latex structure, text writing and sketch UML 3 hours
- 15/10/17: Use Case, Sequence Diagram 3,5 hours
- 18/10/17: Planning and revision of document 3 hours
- 18/10/17: Reformating requirements to LaTeX 1 hour

- 22/10/17: Working with the Alloy model 5 hour
- 23/10/17: Designing mockups 1,5 hours
- 24/10/17: Finishing mockups 1,5 hours
- 25/10/17: Reviewing Document 4 hours
- 26/10/17: Final review 1,5 hours

#### 1.2 DD Document

#### 1.2.1 Axel Rebner

- 01/11/17: Kick-off and planning 2 hours
- 10/11/17: Architectural Decisions and Design 4 hours
- 11/11/17: Component view, sequence diagrams and run-time view 4 hours
- 13/11/17: Algorithm design, component view, architectural styles and pattern 6 hours
- 14/11/17: Implementation, Component interface 5 hours
- 15/11/17: Requirements traceability, Component interfaces, Algorithm design 6 hours
- 18/11/17: Overall review 6 hours
- 20/11/17: Structuring document text 3 hours

## 1.2.2 Caroline Kverne

- 01/11/17: Kick-off and planning 2 hours
- 14/11/17: Architectural decisions 2 hours
- 15/11/17: Requirements traceability, Component interfaces, Algorithm design 6 hours
- 18/11/17: Overall review 6 hours
- 20/11/17: Read through and minor changes 2 hours

## 1.2.3 Joakim Jerkenhag

- 01/11/17: Kick-off and planning 2 hours
- 10/11/17: Architectural Decisions and Design 4 hours
- 11/11/17: Component view, sequence diagrams and run-time view 4 hours
- 14/11/17: Implementation, Component interface 5 hours
- 15/11/17: Requirements traceability, Component interfaces, Algorithm design 6 hours
- 18/11/17: Overall review 5 hours
- 20/11/17: Structuring document text and layout 4 hours
- 23/11/17: User interface section and internal referencing 1 hour

## 1.3 ITD and ATD Document

#### 1.3.1 Axel Rebner

- 27.11.17: Implementation: Layout of login-, logout- and home page 4 hours
- 29.11.17: Implementation: Creation of the database and tables 4 hours
- 01.12.17: API integration 6 hours
- 04.12.17: Implementation: Create event and settings page 5 hours
- 13.12.17: ITD document and implementation steps 3 hours
- 14.12.17: Implementation: Create event- and settings page (layout) 5 hours
- 20.12.17: Skype meeting, requirements 5 hours
- 21.12.17: Adopted development frameworks 4 hours
- 22.12.17: Structure of source code and Subsequence Testing 5 hours
- 26.12.17: Document finishing 5 hours
- 27.12.17: Skype meeting, requirements 5 hours
- 31.12.17: Skype meeting, overview 4 hours
- 10.01.18: ATD Document 9 hours

### 1.3.2 Caroline Kverne

- 12.12.17: ITD document shell 3 hours
- 13.12.17: ITD document and implementation steps 3 hours
- 14.12.17: ITD test cases 2 hours
- 15.12.17: Requirement tracing and general document- 3 hours
- 19.12.17: Functional requirements and introduction 3 hours
- 20.12.17: Skype meeting, requirements 5 hours
- 21.12.17: Formatting document 4 hours
- 22.12.17: ReadMe and revisions 5 hours
- 25.12.17: Test Cases and formatting 7 hours
- 26.12.17: Document finishing- 6 hours
- 27.12.17: Skype meeting, requirements 5 hours
- 28.12.17: Read through and corrections 3 hours
- 02.01.18: Revisions ITD 4 hours
- 10.01.18: ATD Document 9 hours

## 1.3.3 Joakim Jerkenhag

- 27.11.17: Implementation: Layout of login-, logout- and home page 4 hours
- 29.11.17: Implementation: Creation of the database and tables 4 hours
- 30.11.17: Implementation: Login- and logout page 2 hours
- 01.12.17: API integration 6 hours
- 04.12.17: Implementation: Create event- and settings page (layout) 5 hours
- 14.12.17: Implementation: Connect website with the database 5 hours
- 16.12.17: Implementation: Extract locations and availability from BikeMi 4 hours
- 17.12.17: Implementation: Connect application with Google API 3 hours
- 18.12.17: Implementation: Settings page 5 hours
- 20.12.17: Skype meeting, requirements- 4 hours
- 21.12.17: Implementation: Generate routes from Google API 5 hours
- 22.12.17: Implementation: Add ability to edit and delete event 4 hours
- 26.12.17: Implementation: Add chosen route to event 3 hours
- 27.12.17: Skype meeting, requirements 5 hours
- 28.12.17: Implementation: Complete preferences and settings 3 hours
- 31.12.17: Skype meeting, overview 4 hours
- 31.12.17: Implementation: Flexible Breaks (functionality) 3 hours
- 10.01.18: ATD Document 9 hours