**Drivers:**

**Statuses: Open, To Do, In progress, Done, Closed**

**Driver NO 1**

**Categorization**

|  |  |
| --- | --- |
| **Driver Name** | Internet Connection availability |
| **ID** | AD.01.RELIABILITY |
| **Status** | Open |
| **Priority** | High |

**Responsibilities**

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| --- | --- |
| **Supporter** |  |
| **Sponsor** |  |
| **Author** | Arian Ajdari |
| **Inspector** | Arian Ajdari |

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| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | Application is installed. System is running in normal mode. | Previous starts >= 0;  Mode = Normal |
| **Stimulus** | 1. Starting the app in Mobile or Carplay mode 2. Logging in 3. Creating Content (Notes, Picture) 4. Receiving Notifications |  |
| **Response** | **Internet Available:**   1. App continues normal execution 2. User is transferred to home screen 3. The data is locally saved and delivered to appropriate database 4. User experiences normal flow of the notifications   **Internet Not Available:**   1. User is presented a message that there is no internet connection available 2. User is presented with the message that login is not possible 3. Data is locally saved and delivered to appropriate database when internet becomes available 4. User has a notification bar that internet connection is not available |  |

**Driver NO 2**

**Categorization**

|  |  |
| --- | --- |
| **Driver Name** | Data Correctness and Availability |
| **ID** | AD.02.FUNCTIONAL SUITABILITY AND RELIABILITY |
| **Status** | Open |
| **Priority** | High |

**Responsibilities**

|  |  |
| --- | --- |
| **Supporter** |  |
| **Sponsor** |  |
| **Author** | Talant Asankozhoev |
| **Inspector** | Talant Asankozhoev |

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| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is logged in and has internet access. | Previous starts >= 1;  Internet Availability = TRUE |
| **Stimulus** | Automatically Triggered Event every 1min checking Data Correctness and Availability | Frequency of automatically triggered event: once in 1 min |
| **Response** | **Data Available:**   1. In case of data being correct, normal execution is resumed 2. In case of data being not correct, data is corrected than normal execution is resumed   **Data Not Available**   1. Fetch data and resume normal execution |  |

**Driver NO 3**

**Categorization**

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| --- | --- |
| **Driver Name** | Geolocation Data is Complete |
| **ID** | AD.03.FUNCTIONAL SUITABILITY |
| **Status** | Open |
| **Priority** | High |

**Responsibilities**

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| --- | --- |
| **Supporter** |  |
| **Sponsor** |  |
| **Author** | Arian Ajdari |
| **Inspector** | Arian Ajdari |

|  |  |  |
| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is logged in and has enabled geolocation capabilities. | Previous starts >= 1;  Geolocation = TRUE |
| **Stimulus** | User performs an operation which requires geolocation data. |  |
| **Response** | Every operation requiring geolocation data can be completed successfully and normal execution resumes. |  |

**Driver NO 4**

**Categorization**

|  |  |
| --- | --- |
| **Driver Name** | Data Resource Utilization |
| **ID** | AD.04.PERFORMANCE EFFICIENCY |
| **Status** | Open |
| **Priority** | High |

**Responsibilities**

|  |  |
| --- | --- |
| **Supporter** |  |
| **Sponsor** |  |
| **Author** | Talant Asankozhoev |
| **Inspector** | Talant Asankozhoev |

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| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is logged in and has internet access. | Previous starts >= 1;  Internet Availability = TRUE |
| **Stimulus** | User performs an operation which requires transfer of the internet data. |  |
| **Response** | Every operation requiring internet data can be completed successfully with least technically possible internet data. | Internet Data Consumption: technical minimum |

**Driver NO 5**

**Categorization**

|  |  |
| --- | --- |
| **Driver Name** | PRODUCT MAINTAINABILITY |
| **ID** | AD.05.MAINTAINABILITY |
| **Status** | Open |
| **Priority** | Low |

**Responsibilities**

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| --- | --- |
| **Supporter** |  |
| **Sponsor** |  |
| **Author** | Arian Ajdari |
| **Inspector** | Arian Ajdari |

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| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | Development Environment (XCode) |  |
| **Stimulus** | Development Activity |  |
| **Response** | Complete Architecture and Features should be developed in such a way to satisfy the following criteria:   1. Modularity 2. Reusability 3. Analysability 4. Modifiability 5. Testability |  |

**Driver NO 6**

**Categorization**

|  |  |
| --- | --- |
| **Driver Name** | Feature Accessibility |
| **ID** | AD.05.ACCESSIBILITY |
| **Status** | Open |
| **Priority** | High |

**Responsibilities**

|  |  |
| --- | --- |
| **Supporter** |  |
| **Sponsor** |  |
| **Author** | Talant Asankozhoev |
| **Inspector** | Talant Asankozhoev |

|  |  |  |
| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is seated in the car supporting Apple CarPlay and the phone is plugged in CarPlay |  |
| **Stimulus** | All activities besides logging in functionality. |  |
| **Response** | Activities are performed successfully with technically least possible distraction. | Distraction - technically least possible distraction. |