**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** | Rodrigo Falcao |

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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**

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

**Responsibilities**

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

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| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is logged in and has internet access. System is running normally. | Previous starts >= 0;  Internet Availability = TRUE |
| **Stimulus** | Any operation (related to JD data) initiation in the App. |  |
| **Response** | **Internet is Available:**   1. Normal execution: Data exchange using JD API happened. As a result User received latest data from JD DB or data is correctly saved in JD DB.   **Internet is Not Available**   1. Data is saved locally and marked “to be synced” as soon as Internet connection is there. {OPERATIONS: Creating content, Receiving Notifications} 2. User is informed about impossibleness of operations {All other Operations} |  |

**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** | Rodrigo Falcao |

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| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is logged in and has enabled geolocation capabilities. System is running normally. | Previous starts >= 0;  Geolocation = TRUE |
| **Stimulus** | User performs an operation which requires geolocation data. |  |
| **Response** | For every operation requiring geolocation data, the geolocation is tagged successfully and normal execution resumes. |  |

**Driver NO 4**

**Categorization**

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

**Responsibilities**

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

|  |  |  |
| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is logged in and has internet access. System is running normally. | Previous starts >= 0;  Internet Availability = TRUE  Internet connection bandwidth **≥ 144Kb/s** |
| **Stimulus** | User performs an operation which requires transfer of the internet data. |  |
| **Response** | Every operation requiring internet data can be completed successfully. |  |

**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** | Rodrigo Falcao |

|  |  |  |
| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | Development Environment (XCode, any Java development env.) |  |
| **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**

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

**Responsibilities**

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

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| --- | --- | --- |
| **Description** | | **Quantification** |
| **Environment** | User is in the car, using Apple CarPlay and the phone is plugged in CarPlay. User is logged in and system is running normally. | Previous starts >= 0; |
| **Stimulus** | Below operations initiated:   1. Creating content (notes) 2. Receiving notification |  |
| **Response** | Activities are performed successfully with technically least possible distraction. | Distraction - technically least possible. |