A Real Time and Interactive Dashboard in Tourism Industry

**Traceability Record**

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# 1. Document History

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| --- | --- | --- | --- | --- | --- |
| History | Status | Date | Viewable | Editable | Responsible |
| Traceability Record  \_v1.docx  Create:  - Traceability Record | Draft | 29 July, 2019 | ZJY, LYW,  AJP | ZJY, LYW | ZJY, LYW |
| Traceability Record  \_v2.docx  Modify:  - Traceability Record | Draft | 22 Aug, 2019 | ZJY, LYW,  AJP | ZJY, LYW | ZJY, LYW |
| Traceability Record  \_v3.docx  Modify:  - Traceability Record | Draft | 7  Oct,  2019 | ZJY, LYW,  AJP | ZJY, LYW | ZJY, LYW |
| Traceability Record  \_v4.docx  Modify:  - Traceability Record | Final | 28  Nov,  2019 | ZJY, LYW,  AJP | ZJY, LYW | ZJY, LYW |

ZJY = Junyu Zhou

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| User Requirement | System Requirement | Use case | Activity Diagram | UML Diagram | User Interface | Unit Test | System Test |
| URS-01 | SRS-01  SRS-02  SRS-03  SRS-04  SRS-05  SRS-06  SRS-07  SRS-08  SRS-09  SRS-10 | UC-01 | AD-01 | Component Diagram | W-UI01 | UTC-01  UTC-02 | STC-01 |
| URS-02 | SRS-11  SRS-12 | UC-02 | AD-02 | Component Diagram | W-UI02 | UTC-04 | STC-04 |
| URS-03 | SRS-13  SRS-08  SRS-14 | UC-03 | AD-03 | Component Diagram | W-UI08  W-UI09 | UTC-03 | STC-03 |
| URS-04 | SRS-11  SRS-15 | UC-04 | AD-04 | Component Diagram | W-UI05 | UTC-08 | STC-01 |
| URS-05 | SRS-16  SRS-08  SRS-14  SRS-17 | UC-05 | AD-05 | Component Diagram | W-UI05 | UTC-16 | STC-01 |
| URS-06 | SRS-18  SRS-14  SRS-19 | UC-06 | AD-06 | Component Diagram | W-UI05 | UTC-13 | STC-01 |
| USR-07 | SRS-18  SRS-19 | UC-07 | AD-07 | Component Diagram | W-UI05 | UTC-14 | STC-01 |
| URS-08 | SRS-20  SRS-03  SRS-21  SRS-04  SRS-05  SRS-06  SRS-07  SRS-08  SRS-22  SRS-23 | UC-08 | AD-08 | Component Diagram | W-UI03 | UTC-09 | STC-03 |
| URS-09 | SRS-24  SRS-02  SRS-21  SRS-04  SRS-05  SRS-06  SRS-07  SRS-08  SRS-09  SRS-03  SRS-25 | UC-09 | AD-09 | Component Diagram | W-UI04 | UTC-03 | STC-03 |
| URS-10 | SRS-26  SRS-27  SRS-28  SRS-04  SRS-29  SRS-30  SRS-07  SRS-08  SRS-14  SRS-31 | UC-10 | AD-10 | Component Diagram | W-UI08  W-UI09 | UTC-11  UTC-12 | STC-04 |
| URS-11 | SRS-32 | UC-11 | AD-11 | Component Diagram | W-UI07 | UTC-04 | STC-05 |
| URS-12 | SRS-33  SRS-34  SRS-35  SRS-36  SRS-31 | UC-12 | AD-12 | Component Diagram | W-UI06 | UTC-05 | STC-06 |
| URS-13 | SRS-33  SRS-37  SRS-35  SRS-36  SRS-31 | UC-13 | AD-13 | Component Diagram | W-UI06 | UTC-05 | STC-06 |
| URS-14 | SRS-33  SRS-38  SRS-35  SRS-36  SRS-31 | UC-14 | AD-14 | Component Diagram | W-UI06 | UTC-05 | STC-06 |
| URS-15 | SRS-33  SRS-39  SRS-35  SRS-36  SRS-31 | UC-15 | AD-15 | Component Diagram | W-UI06 | UTC-05 | STC-06 |
| URS-16 | SRS-33  SRS-40  SRS-35  SRS-36  SRS-31 | UC-16 | AD-16 | Component Diagram | W-UI06 | UTC-05 | STC-06 |
| URS-17 | SRS-41  SRS-42  SRS-36  SRS-31 | UC-17 | AD-17 | Component Diagram | W-UI13 | UTC-33 | STC-10 |
| URS-18 | SRS-41  SRS-35  SRS-43  SRS-31 | UC-18 | AD-18 | Component Diagram | W-UI14 | UTC-32 | STC-09 |
| URS-19 | SRS-41  SRS-35  SRS-36  SRS-31  SRS-44 | UC-19 | AD-19 | Component Diagram | W-UI15 | UTC-36 | STC-11 |
| URS-20 | SRS-45  SRS-46  SRS-47  SRS-48  SRS-49  SRS-50  SRS-51 | UC-22 | AD-22 | Component Diagram | W-UI10 |  | STC-07 |
| URS-21 | SRS-52  SRS-48  SRS-49  SRS-53  SRS-54  SRS-55  SRS-56  SRS-57  SRS-58  SRS-50  SRS-51 | UC-23 | AD-23 | Component Diagram | W-UI11 |  | STC-08 |
| URS-22 | SRS-59  SRS-60 | UC-24 | AD-24 | Component Diagram | W-UI12 | UTC-31 | STC-02 |