**Traceability Records**

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| **Project Name** | Scan in Travel |
| **Team Membes** | Yirui Wang  Ruijuan Liu |

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| **No** | **URS** | **Description** | **SRS** |
| 1 | URS-01 | Users can scan Chinese words and Location names by using built-in camera. | SRS-01,SRS-02  SRS-03,SRS-04  SRS-05 |
| 2 | URS-02 | Users can view the explanation (i.e. meaning, pronunciation) of the scanned word in English. | SRS-06,SRS-07  SRS-08,SRS-09  SRS-10 |
| 3 | URS-03 | Users can select Text-to-Speech to get the Chinese pronunciation of the word. | SRS-06,SRS-10  SRS-11,SRS-12  SRS-13,SRS-14 |
| 4 | URS-04 | Users can lock/unlock the screen which displays the text of the scanned word. (When locked, the scanning function will be disabled temporarily and the screen will keep the scanned image on display.) | SRS-15,SRS-16  SRS-17,SRS-18  SRS-19 |
| 5 | URS-05 | Users can view the Location on the map if the scanned word is the name of a Location. | SRS-10,SRS-20  SRS-21,SRS-22  SRS-23,SRS-24  SRS-25,SRS-26  SRS-27,SRS-28  SRS-29,SRS-30  SRS-31 |
| 6 | URS-06 | Users can view all Locations from their own Favorites on the map. | SRS-32,SRS-33  SRS-34,SRS-24  SRS-25,SRS-26  SRS-27,SRS-28  SRS-10,SRS-30  SRS-31 |
| 7 | URS-07 | Users can view the map that shows the route from the current position to a Location stored in Favorites. | SRS-35,SRS-36  SRS-37,SRS-38  SRS-39,SRS-40  SRS-41,SRS-42  SRS-24,SRS-25  SRS-26,SRS-27  SRS-28,SRS-10  SRS-43,SRS-44  SRS-45 |
| 8 | URS-08 | Users can view the map that shows the route from the current position to the Location whose name is scanned. | SRS-46,SRS-47  SRS-48,SRS-37  SRS-38,SRS-39  SRS-49,SRS-50  SRS-51,SRS-10  SRS-43,SRS-24  SRS-25,SRS-26  SRS-27,SRS-28  SRS-52,SRS-53 |
| 9 | URS-09 | Users can add the scanned Location with its name, pictures, geometry location, and descriptions into their Favorites. | SRS-54,SRS-55  SRS-56,SRS-57  SRS-58,SRS-59  SRS-60,SRS-61  SRS-62,SRS-63 |
| 10 | URS-10 | Users can delete a Location from their own Favorites. | SRS-64,SRS-65  SRS-66,SRS-67  SRS-68,SRS-69  SRS-70,SRS-71  SRS-72,SRS-73 |
| 11 | URS-11 | Users can view the Location information with name, pictures, geometry location and descriptions in their Favorites. | SRS-74,SRS-32  SRS-75,SRS-67  SRS-76,SRS-77 |
| 12 | URS-12 | Users can sort the Locations in Favorites by district name. | SRS-78,SRS-32  SRS-79,SRS-80  SRS-77 |
| 13 | URS-13 | Users can sort the Locations in Favorites by date they are added. | SRS-81,SRS-32  SRS-82,SRS-83  SRS-77 |
| 14 | URS-14 | Users can search Locations by keyword in their Favorites. | SRS-84,SRS-85  SRS-86,SRS-87  SRS-88 |
| 15 | URS-15 | Users can select Text-To-Speech to get the pronunciation of the Location name in their Favorites. | SRS-89,SRS-90  SRS-91,SRS-92  SRS-13,SRS-10 |
| 16 | URS-16 | Users can add the scanned words into their own Word book. | SRS-93,SRS-94  SRS-95,SRS-96  SRS-97 |
| 17 | URS-17 | Users can delete a word from their own Word book. | SRS-98,SRS-99  SRS-94,SRS-100  SRS-101,SRS-102  SRS-103,SRS-104  SRS-105,SRS-106  SRS-107 |
| 18 | URS-18 | Users can view the  Chinese words and  related information in  their own Word book. | SRS-94,SRS-105  SRS-106,SRS-107  SRS-108,SRS-109 |
| 19 | URS-19 | Users can sort the words in their Word book by date when they are added. | SRS-105,SRS-108  SRS-109,SRS-110  SRS-111 |
| 20 | URS-20 | Users can sort the words in their Word book alphabetically. | SRS-109,SRS-105  SRS-112,SRS-113  SRS-114 |
| 21 | URS-21 | Users can search Chinese words in the Word book by their meaning in English. | SRS-115,SRS-116  SRS-117,SRS-118  SRS-119 |
| 22 | URS-22 | Users can select Text-To-Speech to get the pronunciation of a Chinese word in their Word book. | SRS-10,SRS-13  SRS-120,SRS-121  SRS-122,SRS-123 |