

Lanna Cooking Recipe on Mobile Traceability Record

By

Name: Kantapong Orprayoon **ID:** 532115008

Name: Khomkrib Singh **ID:** 532115015

**Department of Software Engineering
College of Arts, Media and Technology
Chiang Mai University**

Project Advisor

Mr. Kittitouch Suteeca

Traceability Record		
Cross Ref. VSE-29110	Coverage Level:	Version :
	V.3.0	V.3.0

Process Ownership	Approving Authority
CAMT	
Scope	Approved Date
SENIOR PROJECT	

Document History				
Version Number	Record Date	Prepared/Modified By	Reviewed By	Change Details
V.1.0	4/6/2013	KO,KS	KO,KS	-
V.2.0	6/8/2013	KO,KS	KO,KS	- Edit in topic 1.4 Traceability of Sequence diagram
V.2.1	8/9/2013	KO,KS	KO,KS	- No change
V.3.0	3/10/2013	KO,KS	KO,KS	- Update All of Traceability Record

Document develop by

.....

(Kantapong Orprayoon)

.....

(Khomkrib Singh)

(3 October 2013)

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	2 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

Table of Contents

1.1	Acronyms	4
1.2	User Requirement Specification and System Requirement Specification	5
1.3	User Requirement Specification and Use Case.....	9
1.4	User Requirement Specification and Activity Diagram.....	11
1.5	User Requirement Specification and Sequence diagram	13
1.6	User Requirement Specification and Database design.....	15
1.7	User Requirement Specification and User interface design.....	16
1.8	Unit Testing	18
	• Administrator Web Application.....	18
	• Mobile Application	20
1.9	System Testing	21
	• Web Application	21
	• Mobile Application	22

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	3 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.1 Acronyms

URS = User Requirement Specification
SRS = Software Requirement Specification
SDD = Software Design Document
UC = User Case
AD = Activity Diagram
SQ = Sequence Diagram
UI = User Interface
UTC = Unit Test Case
STC = System Test Case

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	4 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.2 User Requirement Specification and System Requirement Specification

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
1	SRS01																							
2	SRS02																							
3	SRS03																							
4	SRS04																							
5	SRS05																							
6	SRS06																							
7	SRS07																							
8	SRS08																							
9	SRS09																							
10	SRS10																							
11	SRS11																							
12	SRS12																							
13	SRS13																							
14	SRS14																							
15	SRS15																							
16	SRS16																							
17	SRS17																							
18	SRS18																							
19	SRS19																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	5 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
20	SRS20																							
21	SRS21																							
22	SRS22																							
23	SRS23																							
24	SRS24																							
25	SRS25																							
26	SRS26																							
27	SRS27																							
28	SRS28																							
29	SRS29																							
30	SRS30																							
31	SRS31																							
32	SRS32																							
33	SRS33																							
34	SRS34																							
35	SRS35																							
36	SRS36																							
37	SRS37																							
38	SRS38																							
39	SRS39																							
40	SRS40																							
41	SRS41																							
42	SRS42																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	6 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
43	SRS43																							
44	SRS44																							
45	SRS45																							
46	SRS46																							
47	SRS47																							
48	SRS48																							
49	SRS49																							
50	SRS50																							
51	SRS51																							
52	SRS52																							
53	SRS53																							
54	SRS54																							
55	SRS55																							
56	SRS56																							
57	SRS57																							
58	SRS58																							
59	SRS59																							
60	SRS60																							
61	SRS61																							
62	SRS62																							
63	SRS63																							
64	SRS64																							
65	SRS65																							
66	SRS66																							
67	SRS67																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	7 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
68	SRS68																							
69	SRS69																							
70	SRS70																							
71	SRS71																							
72	SRS72																							
73	SRS73																							
74	SRS74																							
75	SRS75																							
76	SRS76																							
77	SRS77																							
78	SRS78																							
79	SRS79																							
80	SRS80																							
81	SRS81																							
82	SRS82																							
83	SRS83																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	8 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.3 User Requirement Specification and Use Case

No.	User case	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
1	UC01																							
2	UC02																							
3	UC03																							
4	UC04																							
5	UC05																							
6	UC06																							
7	UC07																							
8	UC08																							
9	UC09																							
10	UC10																							
11	UC11																							
12	UC12																							
13	UC13																							
14	UC14																							
15	UC15																							
16	UC16																							
17	UC17																							
18	UC18																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	9 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	User case	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
19	UC19																							
20	UC20																							
21	UC21																							
22	UC22																							
23	UC23																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	10 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.4 User Requirement Specification and Activity Diagram

No.	User case	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
1	AD-01																							
2	AD-02																							
3	AD-03																							
4	AD-04																							
5	AD-05																							
6	AD-06																							
7	AD-07																							
8	AD-08																							
9	AD-09																							
10	AD-10																							
11	AD-11																							
12	AD-12																							
13	AD-13																							
14	AD-14																							
15	AD-15																							
16	AD-16																							
17	AD-17																							
18	AD-18																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	11 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	User case	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
19	AD-19																							
20	AD-20																							
21	AD-21																							
22	AD-22																							
23	AD-23																							
24	AD-24																							
25	AD-25																							
26	AD-26																							
27	AD-27																							
28	AD-28																							
29	AD-29																							
30	AD-30																							
31	AD-31																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	12 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.5 User Requirement Specification and Sequence diagram

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
1	SQ01																							
2	SQ02																							
3	SQ03																							
4	SQ04																							
5	SQ05																							
6	SQ06																							
7	SQ07																							
8	SQ08																							
9	SQ09																							
10	SQ10																							
11	SQ11																							
12	SQ12																							
13	SQ13																							
14	SQ14																							
15	SQ15																							
16	SQ16																							
17	SQ17																							
18	SQ18																							
19	SQ19																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	13 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
20	SQ20																							
21	SQ21																							
22	SQ22																							
23	SQ23																							
24	SQ24																							
25	SQ25																							
26	SQ26																							
27	SQ27																							
28	SQ28																							
29	SQ29																							
30	SQ30																							
31	SQ31																							
32	SQ32																							
33	SQ33																							
34	SQ34																							
35	SQ35																							
36	SQ36																							
37	SQ37																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	14 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.6 User Requirement Specification and Database design

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
1	DB-01																							
2	DB-02																							
3	DB-03																							
4	DB-04																							
5	DB-05																							
6	DB-06																							
7	DB-07																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	15 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.7 User Requirement Specification and User interface design

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
1	UI-01																							
2	UI-02																							
3	UI-03																							
4	UI-04																							
5	UI-05																							
6	UI-06																							
7	UI-07																							
8	UI-08																							
9	UI-09																							
10	UI-10																							
11	UI-11																							
12	UI-12																							
13	UI-13																							
14	UI-14																							
15	UI-15																							
16	UI-16																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	16 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
17	UI-17																							
18	UI-18																							
19	UI-19																							
20	UI-20																							
21	UI-21																							
22	UI-22																							
23	UI-23																							
24	UI-24																							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	17 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.8 Unit Testing

- Administrator Web Application

No.	System Requirement Specification	SRS10	SRS55	SRS56	SRS57	SRS58	SRS59	SRS60	SRS61	SRS62	SRS63	SRS64	SRS65	SRS66	SRS67	SRS68	SRS69	SRS70	SRS71	SRS72	SRS73	SRS74	SRS75	SRS76	SRS77	SRS78
1	UTC-01																									
2	UTC-02																									
3	UTC-03																									
4	UTC-04																									
5	UTC-05																									
6	UTC-06																									
7	UTC-07																									
8	UTC-08																									
9	UTC-09																									
10	UTC-10																									
11	UTC-11																									
12	UTC-12																									
13	UTC-13																									
14	UTC-14																									
15	UTC-15																									

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	18 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

No.	System Requirement Specification	SRS10	SRS55	SRS56	SRS57	SRS58	SRS59	SRS60	SRS61	SRS62	SRS63	SRS64	SRS65	SRS66	SRS67	SRS68	SRS69	SRS70	SRS71	SRS72	SRS73	SRS74	SRS75	SRS76	SRS77	SRS78
16	UTC-16																									
17	UTC-17																									
18	UTC-18																									
19	UTC-19																									
20	UTC-20																									

No.	System Requirement Specification	SRS79	SRS80	SRS81	SRS82	SRS83
22	UTC-21					
23	UTC-22					
24	UTC-23					
25	UTC-24					
26	UTC-25					

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	19 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

- **Mobile Application**

No.	System Requirement Specification	UI-07	UI-08	UI-09	UI-10	UI-11	UI-12	UI-13	UI-14	UI-15	UI-16	UI-17	UI-18	UI-19	UI-20	UI-21	UI-22	UI-23	UI-24
1	UTC-26																		
2	UTC-27																		
3	UTC-28																		
4	UTC-29																		
5	UTC-30																		
6	UTC-31																		
7	UTC-32																		
8	UTC-33																		
9	UTC-34																		
10	UTC-35																		
11	UTC-36																		
12	UTC-37																		
13	UTC-38																		
14	UTC-39																		
15	UTC-40																		
16	UTC-41																		
17	UTC-42																		
18	UTC-43																		

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	20 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

1.9 System Testing

- **Web Application**

No.	System Requirement Specification	URS-17	URS-18	URS-19	URS-20	URS-21	URS-22	URS-23
1	STC-01							
2	STC-02							
3	STC-03							
4	STC-04							
5	STC-05							
6	STC-06							
7	STC-07							

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	21 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013

- **Mobile Application**

No.	System Requirement Specification	URS-01	URS-02	URS-03	URS-04	URS-05	URS-06	URS-07	URS-08	URS-09	URS-10	URS-11	URS-12	URS-13	URS-14	URS-15	URS-16
1	STC-08																
2	STC-09																
3	STC-10																
4	STC-11																
5	STC-12																
6	STC-13																
7	STC-14																
8	STC-15																
9	STC-16																
10	STC-17																
11	STC-18																
12	STC-19																
13	STC-20																
14	STC-21																
15	STC-22																
16	STC-23																

Document Name	LCR -TR-V.3.0-docx	Owner	KS	Page	22 /22
Document Type	Traceability Record	Release Date	3 October 2013	Print Date	3 October 2013