

Document History

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HanDIYcraft-TR-0.2.docx	-Update User Requirement Specification	Draft	1/7/14	Advisor	NK, PS
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Chapter One | Introduction

1.1 Purpose

This Traceability Record document is used to link requirements back to the stakeholder's rationale and also link forward to software design and test cases, in order to make sure that system meets all user requirements.

1.2 Acronyms and Definitions

- Acronyms

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

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Chapter Two | User Requirement Specification

2.1 User Requirement Specification and System Requirement Specification

2.1.1 Web Application

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Figure 5.1.1: URS/SRS for Web Application

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2.1.2 Mobile Application

No	SRS
1	M-SRS-01
2	M-SRS-02
3	M-SRS-03
4	M-SRS-04
5	M-SRS-05
6	M-SRS-06
7	M-SRS-07
8	M-SRS-08
9	M-SRS-09
10	M-SRS-10
11	M-SRS-11
12	M-SRS-12
13	M-SRS-13
14	M-SRS-14
15	M-SRS-15
16	M-SRS-16
17	M-SRS-17
18	M-SRS-18
19	M-SRS-19
20	M-SRS-20
21	M-SRS-21
22	M-SRS-22
23	M-SRS-23
24	M-SRS-24
25	M-SRS-25
26	M-SRS-26
27	M-SRS-27
28	M-SRS-28
29	M-SRS-29
30	M-SRS-30
31	M-SRS-31
32	M-SRS-32
33	M-SRS-33
34	M-SRS-34
35	M-SRS-35
36	M-SRS-36
37	M-SRS-37
38	M-SRS-38
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	M-U-RS-02
	M-U-RS-03
	M-U-RS-04
	M-U-RS-05
	M-U-RS-06
	M-U-RS-07
	M-U-RS-08
	M-U-RS-09
	M-U-RS-10
	M-U-RS-11
	M-U-RS-12
	M-U-RS-13
	M-U-RS-14
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	M-U-RS-17
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	M-U-RS-44
	M-U-RS-45
	M-U-RS-46

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M-URS-04	
M-URS-05	
M-URS-06	
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M-URS-08	
M-URS-09	
M-URS-10	
M-URS-11	
M-URS-12	
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M-URS-14	
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M-URS-69	
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M-URS-72	
M-URS-73	
M-URS-74	
M-URS-75	

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No	SRS
76	M-SRS-76
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78	M-SRS-78
79	M-SRS-79
80	M-SRS-80
81	M-SRS-81
82	M-SRS-82
83	M-SRS-83
84	M-SRS-84
85	M-SRS-85
86	M-SRS-86
87	M-SRS-87
88	M-SRS-88
89	M-SRS-89
90	M-SRS-90
91	M-SRS-91
92	M-SRS-92

Figure 5.1.2: URS/SRS for Mobile Application

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2.2 User Requirement Specification and Activity Diagram

2.2.1 Web Application

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

Figure 5.2.1: URS/AD for Web Application

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2.2.2 Mobile Application

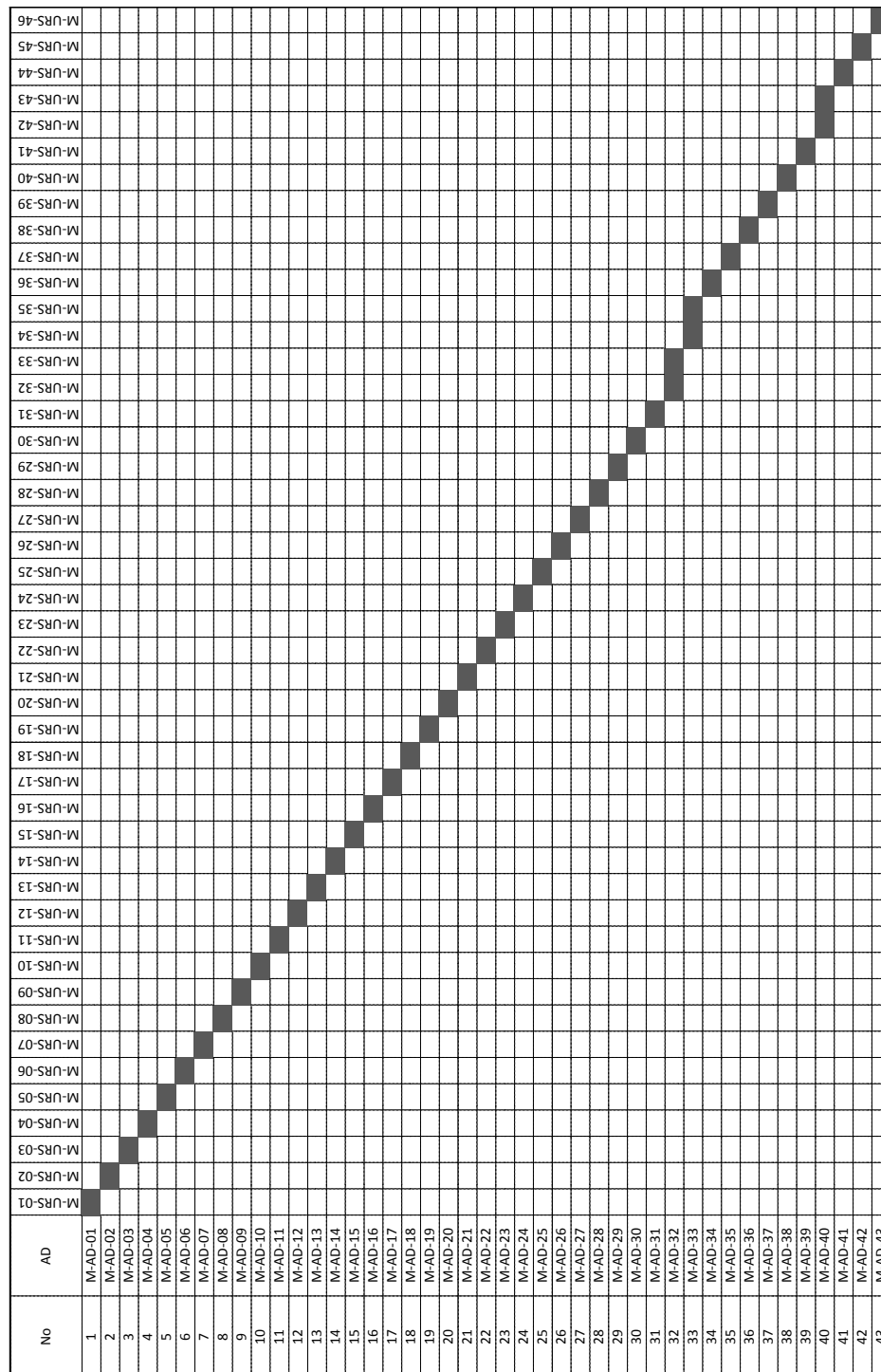


Figure 5.2.2: URS/AD for Mobile Application

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2.3 User Requirement Specification and Sequence Diagram

2.3.1 Web Application

[illegible]

Figure 5.3.1: URS/SQ for Web Application

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2.3.2 Mobile Application

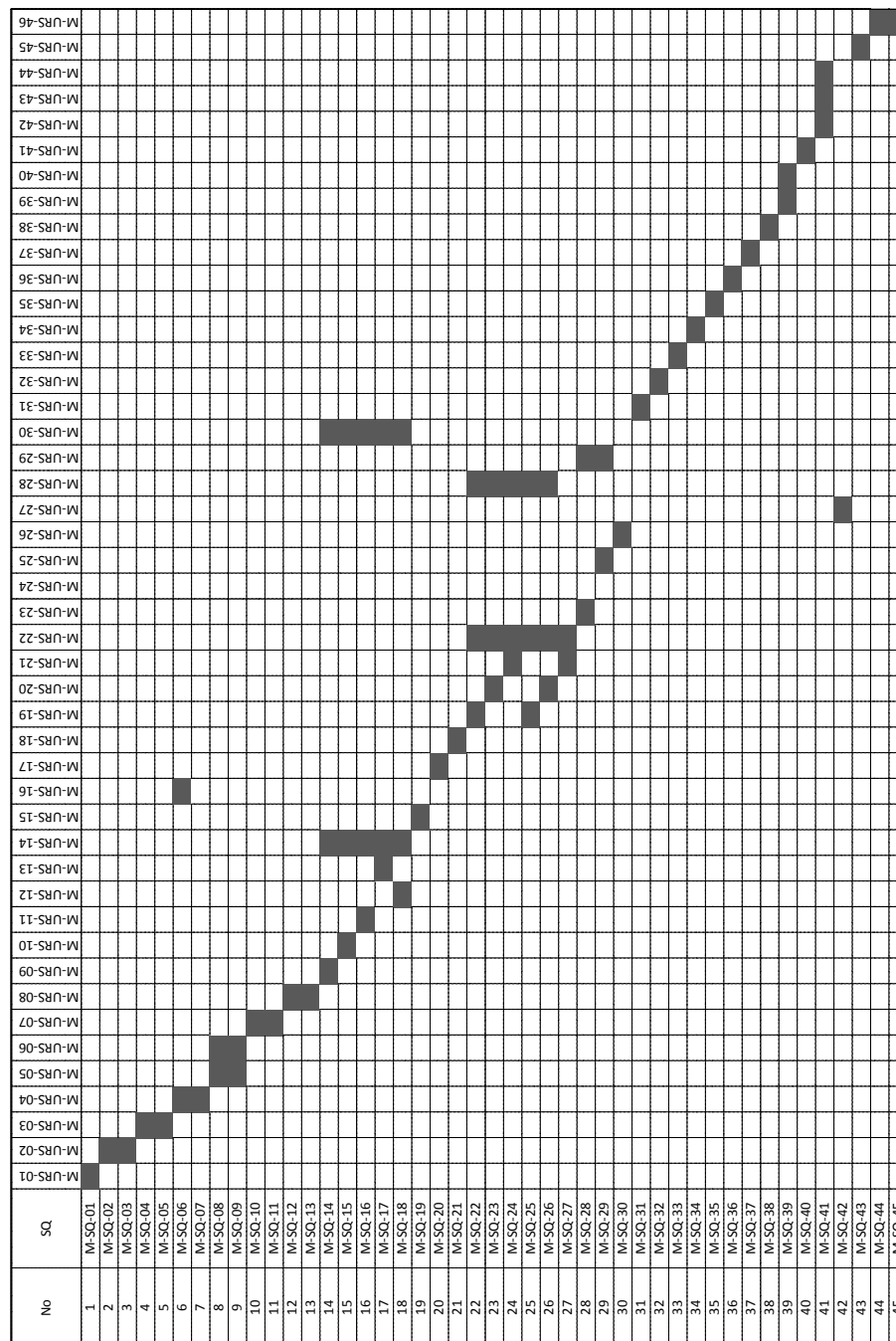


Figure 5.3.2: URS/SQ for Mobile Application

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2.4 User Requirement Specification and Database Design

2.4.1 Web Application

W-URS-19																	
W-URS-18																	
W-URS-17																	
W-URS-16																	
W-URS-15																	
W-URS-14																	
W-URS-13																	
W-URS-12																	
W-URS-11																	
W-URS-10																	
W-URS-09																	
W-URS-08																	
W-URS-07																	
W-URS-06																	
W-URS-05																	
W-URS-04																	
W-URS-03																	
W-URS-02																	
W-URS-01																	
DB	DB-01	DB-02	DB-03	DB-04	DB-05	DB-06	DB-07	DB-08	DB-09	DB-10	DB-11	DB-12	DB-13	DB-14	DB-15	DB-16	
No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	

Figure 5.4.1: URS/DB for Web Application

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2.4.2 Mobile Application

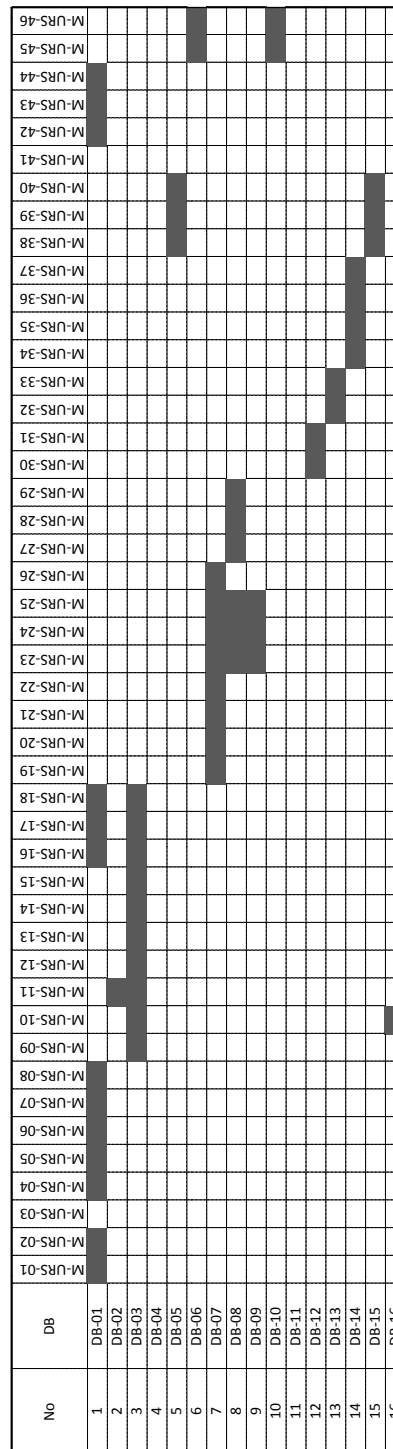


Figure 5.4.2: URS/DB for Mobile Application

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2.5.2 Mobile Application

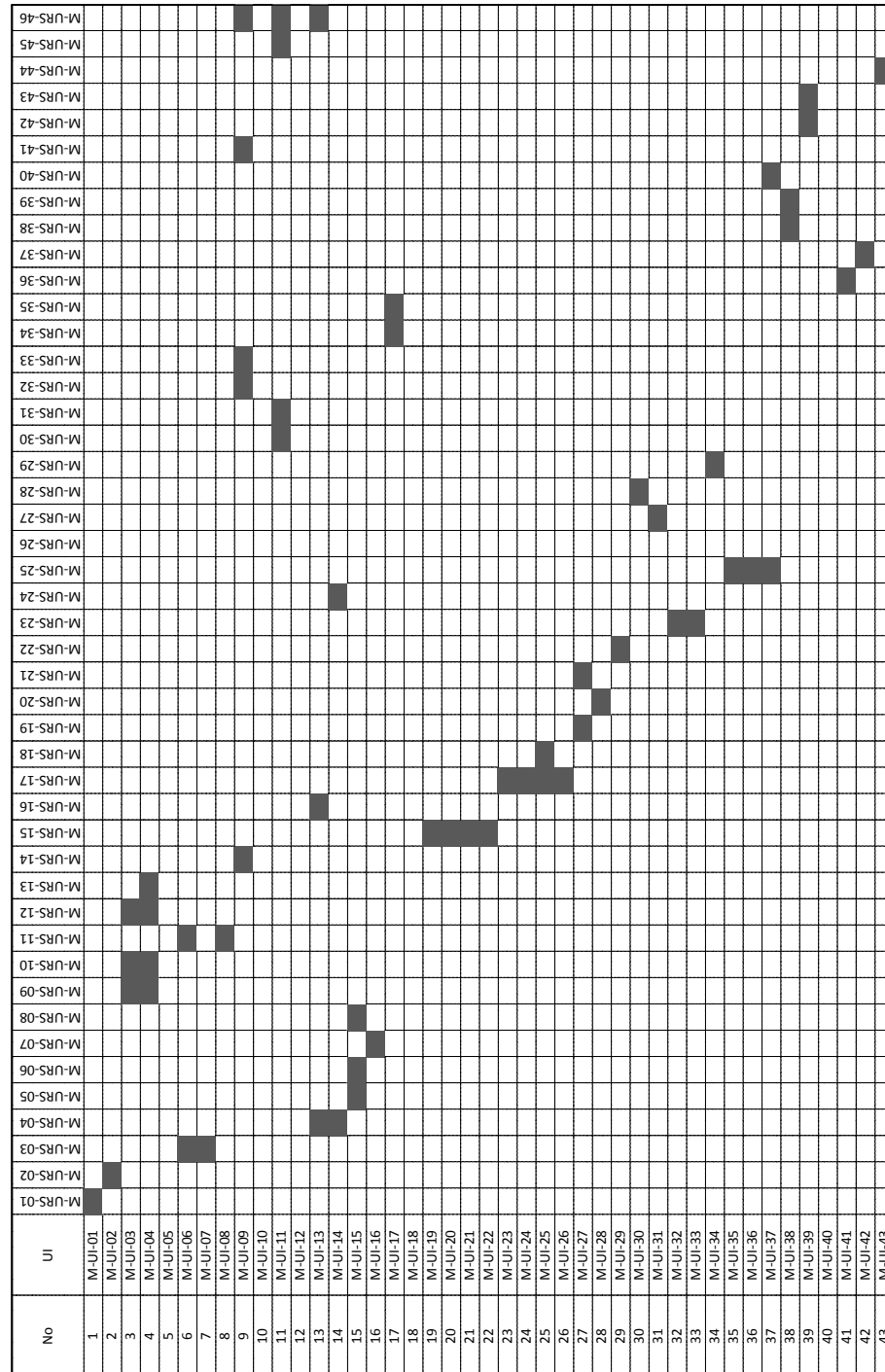


Figure 5.5.2: URS/UI for Mobile Application

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3.1.2 Mobile Application

[illegible]

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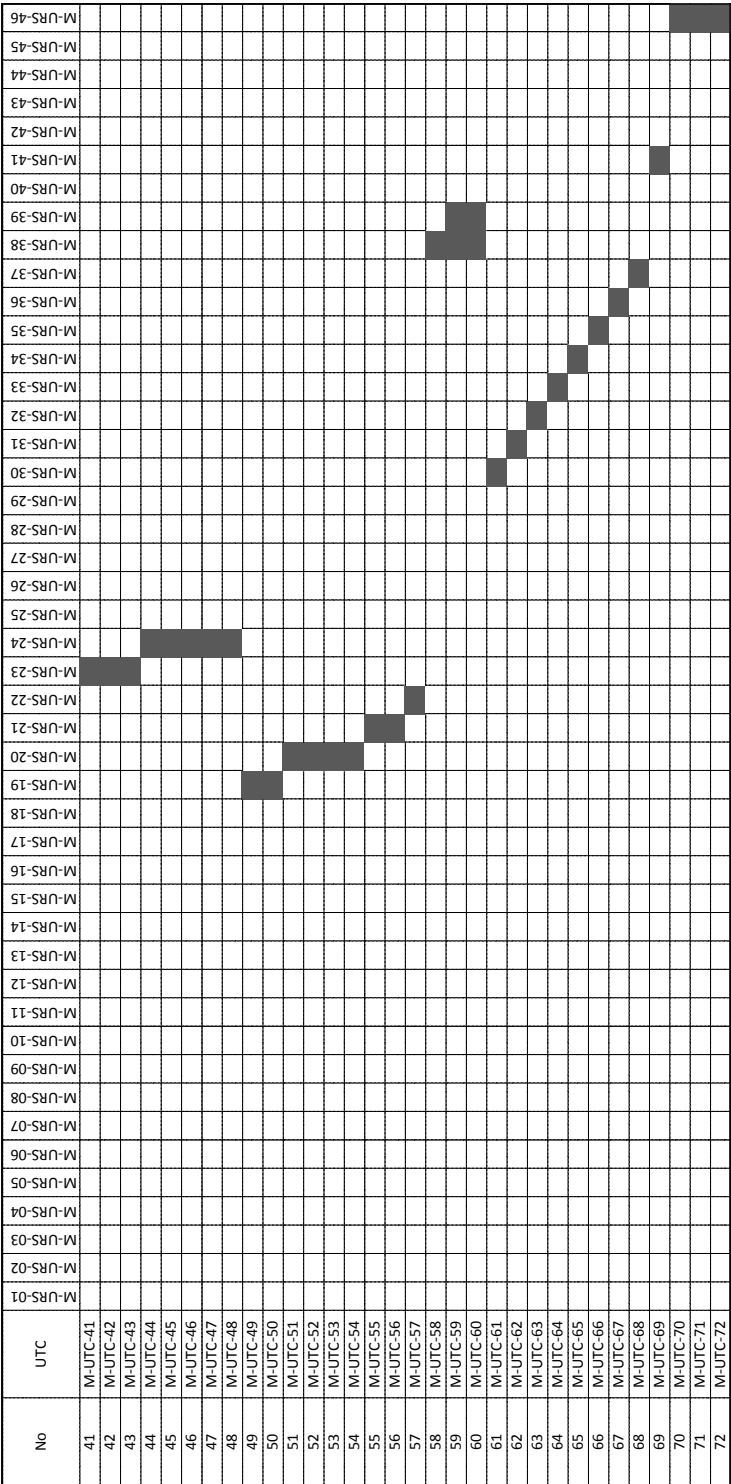


Figure 5.6.2: UTC/URS for Mobile Application

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Chapter Four | System Testing

4.1 System Test Case and User Requirement Specification

4.1.1 Web Application

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
STC	W-STC-01	W-STC-02	W-STC-03	W-STC-04	W-STC-05	W-STC-06	W-STC-07	W-STC-08	W-STC-09	W-STC-10	W-STC-11	W-STC-12	W-STC-13	W-STC-14	W-STC-15	W-STC-16	W-STC-17	W-STC-18	W-STC-19
URS	W-URS-01	W-URS-02	W-URS-03	W-URS-04	W-URS-05	W-URS-06	W-URS-07	W-URS-08	W-URS-09	W-URS-10	W-URS-11	W-URS-12	W-URS-13	W-URS-14	W-URS-15	W-URS-16	W-URS-17	W-URS-18	W-URS-19

Figure 5.7.1: STC/URS for Web Application

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4.1.2 Mobile Application

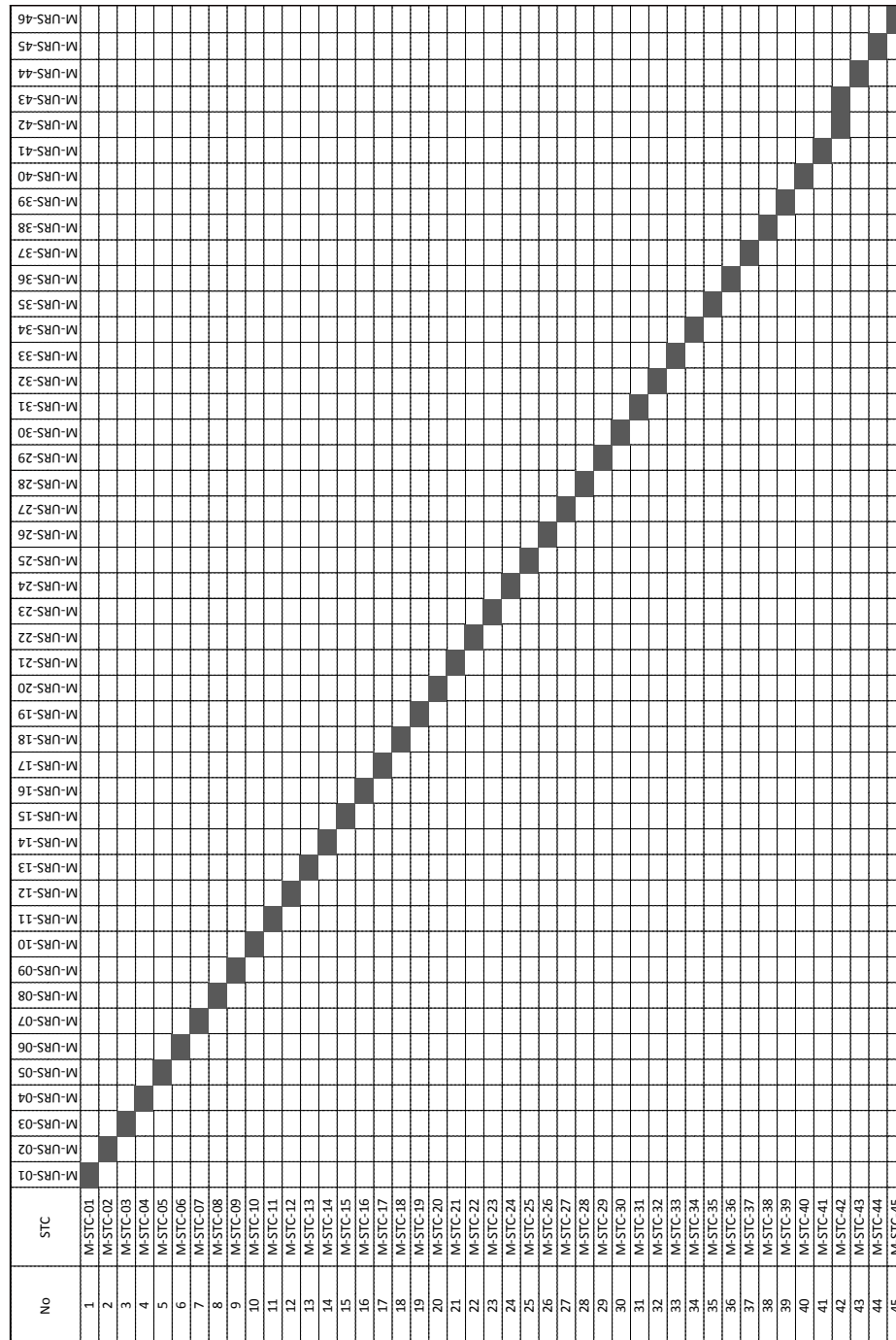


Figure 5.7.2: STC/URS for Mobile Application

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