# **URS-01:** Create Baan Tantawan children development

**System Test Case 01 (STC-01):** The user can create Baan Tantawan children development

### Test Flow:

Step	Description
1	Selects the children in children information page.
2	Clicks" New พัฒนาการเด็ก" button on child information page.
3	Inputs data including "วันที่ตรวจประเมิน (Evaluation date)", "ส่วนสูง ณ
	วันตรวจประเมิน (Height)", "น้ำหนัก ณ วันตรวจประเมิน (Weight)", "เส้นรอบศีรษะ
	ณ วันตรวจประเมิน (Head circumference)", "ผลการพัฒนากล้ามเนื้อมัดเล็ก (Fine
	motor)", "ผลการพัฒนากล้ามเนื้อมัดใหญ่ (Gross motor)",
	"ผลการพัฒนาด้านภาษา และสติปัญญา ( Intellectual and Language
	development)", "ผลการพัฒนาด้านสังคม (Social development)",
	"ผลการพัฒนาการช่วยเหลือตนเอง (Self-sufficient development)",
	"ผลการพัฒนาอารมณ์ และจิตใจ  (Mood development)", "พฤติกรรมด้านบวก
	(Positive behavior)", "พฤติกรรมด้านลบ (Negative behavior)",
	"การปรับพฤติกรรม (Behavior modification)", "ผลการปรับพฤติกรรม (Behavior
	modification result)" , "แผนการช่วยเหลือ (Helping plan)".
4	Clicks "Save" button.
5	See result.

Case	Description	Inp	ut	Excepted Result
01	Test that	Date of evaluate	22/07/2560	Redirect to the
	system can create child	Weight	32.5	created child development
	developmen	Height	123	information and
	t when user	Head circumference	40	add create
	input all	Family status	Normal	history to the
	valid data in	Fine motor	Good strength	created child
	step 3	development		development
		Gross motor	Normal strength	
		development		
		Intellectual	Normal intelligent	
		development		
		Social development	Anti-social	
		Positive behavior	Have concentrate	
		Negative behavior	Negative Thinking	
		Behavior	Tell bravery	
		modification	adventure tales	
		Result of behavior	Better positive	
		modification	thinking	

		Helping plan	Have to take care about his social like trying to talk to him	
02	Test that	Date of evaluate	asdasd	Show message
	system	Weight	32.5	"Invalid Date."
	cannot	Height	123	
	create child	Head circumference	40	
	developmen	Family status	Normal	
	t when user	Fine motor	Good strength	
	input invalid	development		
	date of	Gross motor	Normal strength	
	evaluate in	development		
	step 3.	Intellectual development	Normal intellectual	
		Social development	Anti-social	
		Positive behavior	Have concentrate	
		Negative behavior	Negative Thinking	
		Behavior	Tell bravery	
		modification	adventure tales	
		Result of behavior	Better positive	
		modification	thinking	
		Helping plan	Have to take care	
			about his social	
			like trying to talk to	
00	T 4 4   4	Data of avaluate	him	Chavvanaaaaa
03	Test that system	Date of evaluate	32.5	Show message "You must enter
	cannot	Weight Height	123	a value"
	create child	Head circumference	40	a value
	developmen	Family status		
	t when user	Fine motor	Normal Good strength	
	does not	development	Good strength	
	input date of	Gross motor	Normal strength	
	evaluate in	development	Tionnal strength	
	step 3.	Intellectual	Normal intellectual	
	-	development	Tromai mionostadi	
		Social development	Anti-social	
		Positive behavior	Have concentrate	
		Negative behavior	Negative Thinking	
		Behavior	Tell bravery	
		modification	adventure tales	
		Result of behavior	Better positive	
		modification	thinking	
		Helping plan	Have to take care	
			about his social	
			like trying to talk to	
			him	

04	Test that	Date of evaluate	22/07/2560	Show message
	system	Weight	asdasd	"Invalid
	cannot	Height	123	Number"
	create child	Head circumference	40	
	developmen	Family status	Normal	
	t when user	Fine motor	Good strength	
	input invalid	development		
	weight in	Gross motor	Normal strength	
	step 3.	development		
		Intellectual	Normal intellectual	
		development		
		Social development	Anti-social	
		Positive behavior	Have concentrate	
		Negative behavior	Negative Thinking	
		Behavior	Tell bravery	
		modification	adventure tales	
		Result of behavior	Better positive	
		modification	thinking	
		Helping plan	Have to take care	
			about his social	
			like trying to talk to	
			him	
05	Test that	Date of evaluate	22/07/2560	Show message
	system	Weight	-	"Invalid
	cannot	Height	123	Number"
	create child	Head circumference	40	
	developmen	Family status	Normal	
	t when user does not	Fine motor	Good strength	
		development	<b>N</b>	
	input weight in step 3.	Gross motor	Normal strength	
	iii step 5.	development	NI I' ( II ( I	
		Intellectual	Normal intellectual	
		development	Anti cocial	
		Social development Positive behavior	Anti-social	
			Have concentrate	
		Negative behavior Behavior	Negative Thinking	
		modification	Tell bravery adventure tales	
		Result of behavior	Better positive	
		modification	thinking	
		Helping plan	Have to take care	
		riciping plan	about his social	
			like trying to talk to	
			him	
06	Test that	Date of evaluate	22/07/2560	Show message
				"You must enter
	system	vveignt	32.3	i ou musi emen
	system cannot	Weight Height	32.5	a value"

create ch	nild Head circumference	40	
developr		Normal	
t when u			
does not		Good strength	
input hei		Normal atranath	
in step 3		Normal strength	
iii step 3		Niama al Satalla atrial	
	Intellectual	Normal intellectual	
	development	A (1 1 1	
	Social development	Anti-social	
	Positive behavior	Have concentrate	
	Negative behavior	Negative Thinking	
	Behavior	Tell bravery	
	modification	adventure tales	
	Result of behavior	Better positive	
	modification	thinking	
	Helping plan	Have to take care	
		about his social	
		like trying to talk to	
		him	
07 Test that	Date of evaluate	22/07/2560	Show message
system	Weight	32.5	"Invalid
cannot	Height	asdasd	Number"
create ch	nild Head circumference	40	
developr	men Family status	Normal	
t when u	ser Fine motor	Good strength	
input inv	alid development		
height in	Gross motor	Normal strength	
step 3.	development		
	Intellectual	Normal intellectual	
	development		
	Social development	Anti-social	
	Positive behavior	Have concentrate	
	Negative behavior	Negative Thinking	
	Behavior	Tell bravery	
	modification	adventure tales	
	Result of behavior	Better positive	
	modification	thinking	
		Have to take care	
	Helping plan	about his social	
		like trying to talk to him	
			i
00 T11 4	Date of auglicate		Chave and a second
08 Test that		22/07/2560	Show message
system	Weight	22/07/2560 32.5	"Invalid
system cannot	Weight Height	22/07/2560 32.5 123	
system	Weight Height Head circumference	22/07/2560 32.5	"Invalid

	t when user input invalid	Fine motor development	Good strength	
	head	Gross motor	Normal strength	
	circumferen	development		
	ce in step 3.	Intellectual	Normal intelligent	
	•	development		
		Social development	Anti-social	
		Positive behavior	Have concentrate	
		Negative behavior	Negative Thinking	
		Behavior	Tell bravery	
		modification	adventure tales	
		Result of behavior	Better positive	
		modification	thinking	
		Helping plan	Have to take care	
			about his social	
			like trying to talk to	
			him	
09	Test that	Date of evaluate	22/07/2560	Show message
	system	Weight	-	"You must enter
	cannot	Height	123	a value"
	create child	Head circumference	-	
	developmen	Family status	Normal	
	t when user	Fine motor	Good strength	
	does not	development		
	input head circumferen	Gross motor	Normal strength	
	ce in step 3.	development	<b>N</b>	
	ce in step 5.	Intellectual	Normal intelligent	
		development	A 4: ! - I	
		Social development	Anti-social	
		Positive behavior	Have concentrate	
		Negative behavior	Negative Thinking	
		Behavior	Tell bravery	
		modification Result of behavior	adventure tales	
		modification	Better positive	
		Helping plan	thinking Have to take care	
		riciping plan	about his social	
			like trying to talk to	
			him	
			him	

# **URS-02:** Edit Baan Tantawan children development

**System Test Case 02 (STC-02):** The user can create Baan Tantawan children development

### Test Flow:

Step	Description
1	Selects the children in children information page.
2	Clicks "Edit" button on child development information page.
3	Edits data including "วันที่ตรวจประเมิน (Evaluation date)", "ส่วนสูง ณ
	วันตรวจประเมิน (Height)", "น้ำหนัก ณ วันตรวจประเมิน (Weight)", "เส้นรอบศีรษะ
	ณ วันตรวจประเมิน (Head circumference)", "ผลการพัฒนากล้ามเนื้อมัดเล็ก (Fine
	motor)", "ผลการพัฒนากล้ามเนื้อมัดใหญ่ (Gross motor)",
	"ผลการพัฒนาด้านภาษา และสติปัญญา ( Intellectual and Language
	development)", "ผลการพัฒนาด้านสังคม (Social development)",
	"ผลการพัฒนาการช่วยเหลือตนเอง (Self-sufficient development)",
	"ผลการพัฒนาอารมณ์ และจิตใจ  (Mood development)", "พฤติกรรมด้านบวก
	(Positive behavior)", "พฤติกรรมด้านลบ (Negative behavior)",
	"การปรับพฤติกรรม (Behavior modification)", "ผลการปรับพฤติกรรม (Behavior
	modification result)" , "แผนการช่วยเหลือ (Helping plan)".
4	Clicks "Save" button.
5	See result.

#### Data for test:

Child name	Napat khamdee	Gross motor development	Normal strength
Date of Evaluate	22/10/2560	Intellectual development	Normal intelligent
Weight	32.5	Social development	Anti-social
Height	123	Positive behavior	Have concentrate
Head circumference	40	Negative behavior	Negative thinking
Family status	Normal	Behavior modification	Tell bravery adventure tales
Fine motor development	Good strength	Result of behavior modification	Better positive thinking
Helping plan	Have to take care about his social like trying to talk to him	Child development ID	CHILD_DEV-13

Case	Description	Inp	ut	Excepted Result
01	Test that system can update child development when user clicks "Napat Khamdee" in step1 then user click "Edit" in front of "CHILD_DEV -13" in step 2. After that, user input all valid data in step 3.	Date of evaluate Weight Height Head circumference Family status Fine motor development Gross motor development Intellectual development Social development Positive behavior Negative behavior Behavior modification Result of behavior Helping plan	22/07/2560 32.5 125 40 Normal Good strength Normal strength Normal intelligent Anti-social Have concentrate Negative Thinking Tell bravery adventure tales Better positive thinking Have to take care about his social	Redirect to the updated child development information and add update history to the updated child development
02	Test that system cannot update child development when user clicks "Napat Khamdee" in step1 then user click "Edit" in front of "CHILD_DEV -13" in step 2. After that, user input invalid date in step 3.	Date of evaluate Weight Height Head circumference Family status Fine motor development Gross motor development Intellectual development Social development Positive behavior Negative behavior Behavior modification Result of behavior modification Helping plan	like trying to talk to him asdasdasd 32.5 125 40 Normal Good strength Normal strength Normal intelligent Anti-social Have concentrate Negative Thinking Tell bravery adventure tales Better positive thinking Have to take care about his social like trying to talk to him	Show message "Invalid Date."

03	Test that	Date of evaluate	22/07/2560	Show message
	system	Weight	32.5	"You must enter
	cannot	Height	125	a value"
	update child	Head circumference	40	
	development	Family status	Normal	
	when user	Fine motor	Good strength	
	clicks "Napat	development		
	Khamdee" in	Gross motor	Normal strength	
	step1 then	development		
	user click	Intellectual	Normal intelligent	
	"Edit" in front	development		
	of	Social development	Anti-social	
	"CHILD_DEV	Positive behavior	Have concentrate	
	-13" in step	Negative behavior	Negative Thinking	
	2. After that,	Behavior	Tell bravery	
	user does	modification	adventure tales	
	not input	Result of behavior	Better positive	
	date of	modification	thinking	
	evaluate in	Helping plan	Have to take care	
	step 3.	1 01	about his social	
			like trying to talk to	
			him	
04	Test that	Date of evaluate	25/07/2560	Show message
	system	Weight	32.5	"Invalid
	cannot	Height	asdsad	number"
	update child	Head circumference	40	
	development	Family status	Normal	
	when user	Fine motor	Good strength	
	clicks "Napat	development		
	Khamdee" in	Gross motor	Normal strength	
	step1 then	development		
	user click	Intellectual	Normal intelligent	
	"Edit" in front	development		
	of	Social development	Anti-social	
	"CHILD_DEV	Positive behavior	Have concentrate	
	-13" in step	Negative behavior	Negative Thinking	
	2. After that,	Behavior	Tell bravery	
	user input	modification	adventure tales	
	invalid height	Result of behavior	Better positive	
	in step 3.	modification	thinking	
		Helping plan	Have to take care	
			about his social	
			like trying to talk to	
	-	5	him	
05	Test that	Date of evaluate	25/07/2560	Show message
	system	Weight	32.5	"You must enter
	cannot	Height	-	a value"
	update child	Head circumference	40	
	development	Family status	Normal	0

				T
	when user clicks "Napat	Fine motor	Good strength	
	Khamdee" in	development Gross motor	Normal strength	
	step1 then	development	Normal Sirengin	
	user click	Intellectual	Normal intelligent	
	"Edit" in front	development	Normal intelligent	
	of	Social development	Anti-social	
	"CHILD DEV	Positive behavior	Have concentrate	
	-13" in step	Negative behavior	Negative Thinking	
	2. After that,	Behavior	Tell bravery	
	user does	modification	adventure tales	
	not input	Result of behavior	Better positive	
	height in step	modification	thinking	
	3.	Helping plan	Have to take care	
		r reiping plan	about his social	
			like trying to talk to	
			him	
06	Test that	Date of evaluate	25/07/2560	Show message
	system	Weight	asdq	"Invalid
	cannot	Height	125	number"
	update child	Head circumference	40	
	development	Family status	Normal	
	when user	Fine motor	Good strength	
	clicks "Napat	development		
	Khamdee" in	Gross motor	Normal strength	
	step1 then	development		
	user click	Intellectual	Normal intelligent	
	"Edit" in front	development		
	of	Social development	Anti-social	
	"CHILD_DEV	Positive behavior	Have concentrate	
	-13" in step	Negative behavior	Negative Thinking	
	2. After that,	Behavior	Tell bravery	
	user input	modification	adventure tales	
	invalid weight in step 3.	Result of behavior	Better positive	
	in sich a.	modification	thinking	
		Helping plan	Have to take care	
			about his social	
			like trying to talk to	
07	To at the at	Data of sustants	him	Chaurana
07	Test that	Date of evaluate	25/07/2560	Show message
	system	Weight	105	"You must enter
	cannot	Height	125	a value"
	update child development	Head circumference	40	
	when user	Family status	Normal	
	clicks "Napat	Fine motor	Good strength	
	Khamdee" in	development Cross mater	Normal atranath	
	step1 then	Gross motor	Normal strength	
	JOP I LIGH	development		

	user click "Edit" in front	Intellectual development	Normal intelligent	
	of	Social development	Anti-social	
	"CHILD DEV	Positive behavior	Have concentrate	
	-13" in step	Negative behavior	Negative Thinking	
	2. After that,	Behavior	Tell bravery	
	user does	modification	adventure tales	
	not input	Result of behavior	Better positive	
	weight in	modification	thinking	
	step 3.	Helping plan	Have to take care	
			about his social	
			like trying to talk to	
			him	_
80	Test that	Date of evaluate	25/07/2560	Show message
	system	Weight	32.5	"Invalid
	cannot	Height	125	number"
	update child	Head circumference	I have a plan	
	development	Family status	Normal	
	when user	Fine motor	Good strength	
	clicks "Napat Khamdee" in	development	<b>N</b>	
	step1 then	Gross motor	Normal strength	
	user click	development	No weed intelligent	
	"Edit" in front	Intellectual	Normal intelligent	
	of	development Social development	Anti-social	
	"CHILD DEV	Positive behavior	Have concentrate	
	-13" in step	Negative behavior	Negative Thinking	
	2. After that,	Behavior	Tell bravery	
	user input	modification	adventure tales	
	invalid head	Result of behavior	Better positive	
	circumferenc	modification	thinking	
	e in step 3.	Helping plan	Have to take care	
			about his social	
			like trying to talk to	
			him	
09	Test that	Date of evaluate	25/07/2560	Show message
	system	Weight	32.5	"You must enter
	cannot	Height	125	a value"
	update child	Head circumference	-	
	development	Family status	Normal	
	when user	Fine motor	Good strength	
	clicks "Napat	development		
	Khamdee" in	Gross motor	Normal strength	
	step1 then user click	development	<b>N</b> 1 12 6 112 6	
	"Edit" in front	Intellectual	Normal intelligent	
	of	development Social development	Anti occial	
	"CHILD DEV	Social development	Anti-social	
	-13" in step	Positive behavior	Have concentrate	
	10 III 010p	Negative behavior	Negative Thinking	

2. After that,	Behavior	Tell bravery	
user does	modification	adventure tales	
not input	Result of behavior	Better positive	
head	modification	thinking	
circumferenc	Helping plan	Have to take care	
e in step 3.		about his social	
		like trying to talk to	
		him	

# **URS-03:** View Baan Tantawan children development

**System Test Case 03 (STC-03):** The user can create Baan Tantawan children development

### Test Flow:

Step	Description	
1	Selects the children in children information page.	
2	Clicks development record.	
3	See result.	

#### Data for test:

Child name	Napat khamdee	Gross motor development	Normal strength
Date of Evaluate	22/10/2560	Intellectual	Normal
		development	intelligent
Weight	32.5	Social development	Anti-social
Height	123	Positive behavior	Have
			concentrate
Head	40	Negative behavior	Negative thinking
circumference			
Family status	Normal	Behavior	Tell bravery
		modification	adventure tales
Fine motor	Good strength	Result of behavior	Better positive
development		modification	thinking
Helping plan	Have to take care	Child development	CHILD DEV-13
	about his social like	ID	_
	trying to talk to him		

Case	Description	Excepted Result
01	Test that system can view Child Development When user clicks "Napat Khamdee" in step1then click "CHILD_DEV- 13" in step 2.	Show information of children development including Child name: Napat Khamdee Date of evaluate: 22/10/2560 Weight: 32.5 Height: 123 Head circumference: 40 Family status: Normal Fine motor development: Good strength Goss motor development: Normal strength Intellectual development: Normal Intelligent Social development: Anti-social Positive behavior: Have concentrate Negative behavior: Negative thinking

Behavior modification: Tell bravery adventure tales
Result of behavior modification: Better positive thinking
Helping plan: Have to take care about his social like trying
to talk to him

### **URS-04:** Delete Baan Tantawan children development

**System Test Case 04 (STC-04):** The user can create Baan Tantawan children development

### Test Flow:

Step	Description
1	Selects the children in children information page.
2	Clicks "Del" button on child development information page.
3	Clicks confirms button.
4	See result.

#### Data for test:

Child name	Napat khamdee	Gross motor development	Normal strength
Date of Evaluate	22/10/2560	Intellectual	Normal
		development	intelligent
Weight	32.5	Social development	Anti-social
Height	123	Positive behavior	Have
			concentrate
Head	40	Negative behavior	Negative thinking
circumference			
Family status	Normal	Behavior	Tell bravery
		modification	adventure tales
Fine motor	Good strength	Result of behavior	Better positive
development		modification	thinking
Helping plan	Have to take care about his social like trying to talk to him	Child development ID	CHILD_DEV-13

Case	Description	Excepted Result
01	Test that system can delete child development when user clicks "Napat Khamdee" in step1 then user click "Del"	Redirect to the deleted child development's child information.
	in front of	
	"CHILD_DEV-13" in	
	step 2.	