

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 วันที่ตรวจประเมิน (Height)", "น้ำหนัก ณ วันที่ตรวจประเมิน (Weight)", "เส้นรอบศีรษะ ณ วันที่ตรวจประเมิน (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.

Test Case:

Case	Description	Input		Excepted Result
01	Test that system can create child development when user input all valid data in step 3	Date of evaluate	22/07/2560	Redirect to the created child development information and add create history to the created child development
		Weight	32.5	
		Height	123	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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	
02	Test that system cannot create child development when user input invalid date of evaluate in step 3.	Date of evaluate	asdasd	Show message "Invalid Date."
		Weight	32.5	
		Height	123	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	
		Intellectual development	Normal intellectual	
		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	
03	Test that system cannot create child development when user does not input date of evaluate in step 3.	Date of evaluate	-	Show message "You must enter a value"
		Weight	32.5	
		Height	123	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	
		Intellectual development	Normal intellectual	
		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	

04	Test that system cannot create child development when user input invalid weight in step 3.	Date of evaluate	22/07/2560	Show message "Invalid Number"
		Weight	asdasd	
		Height	123	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	
		Intellectual development	Normal intellectual	
		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	
05	Test that system cannot create child development when user does not input weight in step 3.	Date of evaluate	22/07/2560	Show message "Invalid Number"
		Weight	-	
		Height	123	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	
		Intellectual development	Normal intellectual	
		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	
06	Test that system cannot	Date of evaluate	22/07/2560	Show message "You must enter a value"
		Weight	32.5	
		Height	-	

	create child development when user does not input height in step 3.	Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	
		Intellectual development	Normal intellectual	
		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	
07	Test that system cannot create child development when user input invalid height in step 3.	Date of evaluate	22/07/2560	Show message "Invalid Number"
		Weight	32.5	
		Height	asdasd	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	
		Intellectual development	Normal intellectual	
		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	
08	Test that system cannot create child development	Date of evaluate	22/07/2560	Show message "Invalid Number"
		Weight	32.5	
		Height	123	
		Head circumference	asd	
		Family status	Normal	

	t when user input invalid head circumference in step 3.	Fine motor development	Good strength	
		Gross 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	
09	Test that system cannot create child development when user does not input head circumference in step 3.	Date of evaluate	22/07/2560	Show message "You must enter a value"
		Weight	-	
		Height	123	
		Head circumference	-	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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-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 วันที่ตรวจประเมิน (Height)", "น้ำหนัก ณ วันที่ตรวจประเมิน (Weight)", "เส้นรอบศีรษะ ณ วันที่ตรวจประเมิน (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

Test Case:

Case	Description	Input		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	22/07/2560	Redirect to the updated child development information and add update history to the updated child development
		Weight	32.5	
		Height	125	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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	
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	asdasdasd	Show message "Invalid Date."
		Weight	32.5	
		Height	125	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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	

03	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 does not input date of evaluate in step 3.	Date of evaluate	22/07/2560	Show message "You must enter a value"
		Weight	32.5	
		Height	125	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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	
04	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 height in step 3.	Date of evaluate	25/07/2560	Show message "Invalid number"
		Weight	32.5	
		Height	asdsad	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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	
05	Test that system cannot update child development	Date of evaluate	25/07/2560	Show message "You must enter a value"
		Weight	32.5	
		Height	-	
		Head circumference	40	
		Family status	Normal	

	when user clicks "Napat Khamdee" in step1 then user click "Edit" in front of "CHILD_DEV -13" in step 2. After that, user does not input height in step 3.	Fine motor development	Good strength	
		Gross 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	
06	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 weight in step 3.	Date of evaluate	25/07/2560	Show message "Invalid number"
		Weight	asdq	
		Height	125	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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	
07	Test that system cannot update child development when user clicks "Napat Khamdee" in step1 then	Date of evaluate	25/07/2560	Show message "You must enter a value"
		Weight	-	
		Height	125	
		Head circumference	40	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	

	user click “Edit” in front of “CHILD_DEV -13” in step 2. After that, user does not input weight in step 3.	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	
08	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 head circumference in step 3.	Date of evaluate	25/07/2560	Show message “Invalid number”
		Weight	32.5	
		Height	125	
		Head circumference	I have a plan	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross 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	
09	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	Date of evaluate	25/07/2560	Show message “You must enter a value”
		Weight	32.5	
		Height	125	
		Head circumference	-	
		Family status	Normal	
		Fine motor development	Good strength	
		Gross motor development	Normal strength	
		Intellectual development	Normal intelligent	
		Social development	Anti-social	
		Positive behavior	Have concentrate	
		Negative behavior	Negative Thinking	

	2. After that, user does not input head circumference in step 3.	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-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 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

Test Case:

Case	Description	Excepted Result
01	Test that system can view Child Development When user clicks "Napat Khamdee" in step1 then 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
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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 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

Test Case:

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