**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. |

**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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 create child development when user does not input height in step 3. | Date of evaluate | 22/07/2560 | Show message “You must enter a value” |
| Weight | 32.5 |
| Height | - |
| Head circumference | 40 |
| Family status | Normal |
| Fine motor development | Good strength |
| Gross motor development | Normal strength |
| Intellectual development | Normal intellectual |
| Social development | Anti-social |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 when user input invalid head circumference in step 3. | Date of evaluate | 22/07/2560 | Show message “Invalid Number” |
| Weight | 32.5 |
| Height | 123 |
| Head circumference | asd |
| Family status | Normal |
| Fine motor development | Good strength |
| Gross motor development | Normal strength |
| Intellectual development | Normal intelligent |
| Social development | Anti-social |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 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 | Child development ID | CHILD\_DEV-13 |
| Date of Evaluate | 22/10/2560 | 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 | Self-sufficient development | Good |
| Mood development | Good | 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 |

**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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 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. | Date of evaluate | 25/07/2560 | Show message “You must enter a value” |
| Weight | 32.5 |
| Height | - |
| Head circumference | 40 |
| Family status | Normal |
| Fine motor development | Good strength |
| Gross motor development | Normal strength |
| Intellectual development | Normal intelligent |
| Social development | Anti-social |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 user click “Edit” in front of “CHILD\_DEV-13” in step 2. After that, user does not input weight in step 3. | 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 |
| Intellectual development | Normal intelligent |
| Social development | Anti-social |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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 2. After that, user does not input head circumference in step 3. | 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 |
| Self-sufficient development | Good |
| Mood development | Good |
| 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-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 | Child development ID | CHILD\_DEV-13 |
| Date of Evaluate | 22/10/2560 | 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 | Self-sufficient development | Good |
| Mood development | Good | 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 |

**Test Case:**

|  |  |  |
| --- | --- | --- |
| **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  Self-sufficient development: Good  Mood development: Good  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 | Child development ID | CHILD\_DEV-13 |
| Date of Evaluate | 22/10/2560 | 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 | Self-sufficient development | Good |
| Mood development | Good | 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 |

**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. |
|
|
|
|
|
|
|