User Interface Requirements Change Summary Table

Version	Name	Date	Description
1.0	Hot Java	04/11/2020	Designed first version of User Interface Requirements
1.1	Hot Java	4/12/2020	Looked and reflected on feedback given onto prototype to improve requirements
1.2	Hot Java	4/13/2020	Analyzed feedback, updated prototype and constructed new version of UI requirements

[Pages]

[SRS 1]
Every page in the requirements include:
   a. a web address bar.
   b. frea.
   c. backward forward aa.
   d. refresh area.
   e. the name of the system.
   f. the tabs located as a navigation bar.

[System]

[SRS 2]
[UI System] The system shall include the following pages:
   a. FRIC Login page. (Figure: 1)
   b. Finding page. (Figure: 2)
   c. Create a finding page. (Figure: 3)
   d. Edit finding page. (Figure: 4)
   e. Event page. (Figure: 5)
   f. Create an event page. (Figure: 6)
   g. Edit event page. (Figure: 7)
   h. Task page. (Figure: 8)
   i. Create a task page. (Figure: 9)
   j. Edit task page. (Figure: 10)
   k. Subtask page. (Figure: 11)
   l. Create a subtask page. (Figure: 12)
   m. Edit subtask page. (Figure: 13)
   n. Generate report page. (Figure: 14)
   o. Configuration page page. (Figure: 15)

[FRIC Login Page]

[SRS 3]: The FRIC Login page shall include the following section as shown in Figure 1:
   a. Login Section.

[SRS 4]: The login section shall include the following components as shown in Figure 1:
   a. Text label, labeled as "Finding and Reporting Information Console".
   b. Text box labeled as "Initials".
   c. Icon to demonstrate user registration.
   d. Button labeled as "Submit".

Figure 1: Login Page

[Findings Page]

[SRS 5]: The finding page shall include the following sections as shown in Figure 2:
   a. Menu Section.
   b. Button Section.
   c. Content Section.

[SRS 6]: The menu section of the findings page shall include the following components as shown in Figure 2:
   a. System menu.
   b. Tasks sub-menu.
   c. Subtasks sub-menu.
   d. Findings sub-menu.
   e. Events sub-menu.
   f. Additional Systems sub-menu.
   g. Search bar.
   h. Sorting sub-menu.

[SRS 7]: The button section of the findings page shall include the following components as shown in Figure 2:

a. Button labeled as "Sync".
b. Button labeled as "Create +".
c. Button labeled as "Edit".
d. Button labeled as "Delete".

[SRS 8]: The content section of the findings page shall include the following components as shown in Figure 2:
a. Text label labeled as "Findings".
b. Text label as the title of the finding.
c. Text label as the event under the system.
d. Attribute table with a cell for each finding attribute. Please refer to req. [UI 5] for the finding attributes.
e. Description table; table that contains finding's description.
f. Mitigation table; table that contains finding's mitigation.
g. Attachment table; table that contains finding's attachments.
h. Associations table; table that contains finding's associations.

[SRS 9]:
a. This section will include all the finding's attributes shown in Figure 2:
    i. Analyst attribute
    ii. Host Name attribute
    iii. IP Port attribute
    iv. Type attribute
    v. Impact Score attribute
    vi. CAT attribute
    vii. CAT Score attribute
    viii. VS-Score attribute
    ix. VS attribute
    x. Status attribute
    xi. Likelihood attribute
    xii. Impact attribute
    xiii. Risk attribute
    xiv. CM attribute
    xv. Posture attribute
    xvi. C I A attribute
    xvii. Description attribute
    xviii. Notes attribute
    xix. Mitigation attribute
    xx. Collaborators attribute
    xxi. Attachments attribute
    xxii. Associations attribute

Figure 2: Findings Page

[Create Findings Page]

[SRS 10]: The create findings page shall include the following sections as shown in Figure 3:
   a. Text fields section.
   b. Drop down selection section.
   c. Checklist section.
   d. Import file(s) section.
   e. Table section.
   f. Button section.

[SRS 11]: The text section of the create findings page shall include the following components as shown in Figure 3:
   a. Text box labeled as "Finding Title: ".
   b. Text box labeled as "Host Name".
   c. Text box labeled as "IP Port".
   d. Text box labeled as "Description".
   e. Text box labeled as "ID".
   f. Text box labeled as "Analyst".
   g. Text box labeled as "IMP Score".
   h. Text box labeled as "CAT Score".
   i. Text box labeled as "Mitigation".
   j. Text box labeled as "VS Score".
   k. Text box labeled as "VS".
   l. Text box labeled as "Notes".

[SRS 12]: The drop down selection section of the create findings page shall include the following components as shown in Figure 3:
   a. Drop down box labeled as "Status".
   b. Drop down box labeled as "Finding Type:".
   c. Drop down box labeled as "Posture"

[SRS 13]: The checklist selection section of the create findings page shall include the following components as shown in Figure 3:
   a. Checklist box labeled as "Assign to Analyst".

[SRS 14]: The import file section of the create findings page shall include the following components as shown in Figure 3:
   a. Button labeled as "Attach file".
   b. Button labeled as "Open file".

[SRS 15]: The button section of the create findings page shall include the following components as shown in Figure 3:
   a. Button labeled as "Save".
   b. Button labeled as "Attach File".
[SRS 16]: The table section of the create findings page shall include the following components as shown in Figure 3:
   a. Table labeled as "CIA".

Figure 3: Create Findings Page

[Edit Findings Page]

[SRS 17]: The edit findings page shall include the following sections as shown in Figure 4:
    a. Text fields section.
    b. Drop down selection section.
    c. Checklist section.
    d. Import file(s) section.
    e. Table section.
    f. Button section.

[SRS 18]: The text section of the edit findings page shall include the following components as shown in Figure 4:
    a. Text box labeled as "Finding Title: ".
    b. Text box labeled as "Host Name".
    c. Text box labeled as "IP Port".
    d. Text box labeled as "Description".
    e. Text box labeled as "ID".
    f. Text box labeled as "Analyst".
    g. Text box labeled as "IMP Score".
    h. Text box labeled as "CAT Score".
    i. Text box labeled as "Mitigation".
    j. Text box labeled as "VS Score".
    k. Text box labeled as "VS".
    l. Text box labeled as "Notes".

[SRS 18]: The drop down selection section of the edit findings page shall include the following components as shown in Figure 4:
    a. Drop down box labeled as "Status".
    b. Drop down box labeled as "Finding Type:".
    c. Drop down box labeled as "Posture"

[SRS 19]: The checklist selection section of the edit findings page shall include the following components as shown in Figure 4:
    a. Checklist box labeled as "Assign to Analyst".

[SRS 20]: The import file section of the edit findings page shall include the following components as shown in Figure 4:
    a. Button labeled as "Attach file".
    b. Button labeled as "Open file".

[SRS 21]: The button section of the edit findings page shall include the following components as shown in Figure 4:
    a. Button labeled as "Save".
    b. Button labeled as "Attach File".
[SRS 22]: The table section of the edit findings page shall include the following components as shown in Figure 4:
    a. Table labeled as "CIA".

Figure 4: Edit Findings Page

[Event Page]

[SRS 23]: The event page shall include the following sections as shown in Figure 5:
    a. Menu Section.
    b. Button Section.
    c. Content Section.
    d. Report Section.

[SRS 24]: The menu section of the event page shall include the following components as shown in Figure 5:
    b. System menu.
    c. Tasks sub-menu.
    d. Subtasks sub-menu.
    e. Findings sub-menu.
    f. Events sub-menu.
    g. Additional Systems sub-menu.
    h. Search bar.
    i. Sorting sub-menu.

[SRS 25]: The button section of the event page shall include the following components as shown in Figure 5:

    a. Button labeled as "Sync".
    b. Button labeled as "Create +".
    c. Button labeled as "Edit".
    d. Button labeled as "Delete".

[SRS 26]: The content section of the event page shall include the following components as shown in Figure 5:

    a. Text label labeled as "Event".
    b. Text label as the title of the finding.
    c. Text labeled as the event under the system.
    d. Attribute table with a cell for each event attribute. Please refer to req. [UI 5] for the event attributes.
    e. Description table; table that contains event's description.
    f. Associations table; table that contains event's associations.

[SRS 27]:

    b. This section will include all the event's attributes shown in Figure 5:
        i. Event name attribute.
        ii. Type attribute.
        iii. Security classification attribute.
        iv. Declassification attribute.
        v. Declassification date attribute.
        vi. Organization name attribute.
        vii. Customer name attribute.
        viii. Assessment date attribute.
        ix. Test plan title attribute.
        x. Switches attribute.
        xi. Routers attribute.
        xii. Access attribute.
        xiii. Building access attribute.
        xiv. Room accessed attribute.
        xv. Findings classification attribute.
        xvi. Description attribute.
        xvii. Associations attribute.
        xviii. Lead Analyst(s) attribute.

[SRS 28]: The report section of the event page shall include the following components as shown in Figure 5:

    a. Button labeled as "Generate ER-B Report".
    b. Button labeled as "Generate Risk Assessment".
    c. Button labeled as "Generate Final Report".

Figure 5: Event Page

[Create Event Page]

[SRS 29]: The create event page shall include the following sections as shown in Figure 6:
   a. Text fields section.
   b. Drop down selection section.
   c. Button section.

[SRS 30]: The text section of the create event page shall include two sections with components as shown in Figure 6:
It shall have a label "Event Attributes".
   a. Text box labeled as "Event Name: ".
   b. Text box labeled as "Description (Event)".
   c. Text box labeled as "Security Classification Guide Title".
   d. Text box labeled as "Declassification".
   e. Text box labeled as "Organization Name".
   f. Text box labeled as "Customer Name: ".
It shall have a label "System Attributes"
   g. Text box labeled as "System Name".
   h. Text box labeled as "Descriptions"
   i. Text box labeled as "Switches".
   j. Text box labeled as "Routers".
   k. Text box labeled as "Building access"
   l. Text box labeled as "Room accessed"

[SRS 31]: The drop down selection section of the create event page shall include the following components as shown in Figure 6:

It shall have a label "Event Attributes".
   a. Drop down box labeled as "Lead Analyst:".
   b. Drop down box labeled as "Event Type:".
   c. Drop down box labeled as "Locations".
   d. Drop down box labeled as "Assessment Date".
   e. Drop down box labeled as "Declassification Date".
It shall have a label "System Attributes"
   f. Drop down box labeled as "System Confidentially:".
   g. Drop down box labeled as "System Integrity:".
   h. Drop down box labeled as "System Availability:" .
   i. Drop down box labeled as "Findings Classification:".

[SRS 33]: The button section of the create event page shall include the following components as shown in Figure 6:
   a. Button labeled as "Save".

Figure 6: Create Event Page

[Edit Event Page]

[SRS 34]: The edit event page shall include the following sections as shown in Figure 7:
    d. Text fields section.
    e. Drop down selection section.
    f. Button section.

[SRS 35]: The text section of the edit event page shall include two sections with components as shown in Figure 7:
It shall have a label "Event Attributes".
    m. Text box labeled as "Event Name: ".
    n. Text box labeled as "Description (Event)".
    o. Text box labeled as "Security Classification Guide Title".
    p. Text box labeled as "Declassification".
    q. Text box labeled as "Organization Name".
    r. Text box labeled as "Customer Name: ".
It shall have a label "System Attributes"
    s. Text box labeled as "System Name".
    t. Text box labeled as "Descriptions"
    u. Text box labeled as "Switches".
    v. Text box labeled as "Routers".
    w. Text box labeled as "Building access"
    x. Text box labeled as "Room accessed"

[SRS 36]: The drop down selection section of the edit event page shall include the following components as shown in Figure 7:
It shall have a label "Event Attributes".
    j. Drop down box labeled as "Lead Analyst:".
    k. Drop down box labeled as "Event Type:".
    l. Drop down box labeled as "Locations".
    m. Drop down box labeled as "Assessment Date".
    n. Drop down box labeled as "Declassification Date".
It shall have a label "System Attributes"
    o. Drop down box labeled as "System Confidentially:".
    p. Drop down box labeled as "System Integrity:".
    q. Drop down box labeled as "System Availability:" .
    r. Drop down box labeled as "Findings Classification:".

[SRS 37]: The button section of the edit event page shall include the following components as shown in Figure 7:
    b. Button labeled as "Save".

Figure 7: Edit Event Page

[Task Page]

[SRS 38]: The task page shall include the following sections as shown in Figure 8:
    a. Menu Section.
    b. Button Section.
    c. Content Section.
    d. Progress Section.

[SRS 39]: The menu section of the task page shall include the following components as shown in Figure 8:
    a. System menu.
    b. Tasks sub-menu.
    c. Subtasks sub-menu.
    d. Findings sub-menu.
    e. Events sub-menu.

f. Additional Systems sub-menu.
g. Search bar.
h. Sorting sub-menu.

[SRS 40]: The button section of the task page shall include the following components as shown in Figure 8:
a. Button labeled as "Sync".
b. Button labeled as "Create +".
c. Button labeled as "Edit".
d. Button labeled as "Delete".

[SRS 41]: The content section of the task page shall include the following components as shown in Figure 8:
a. Text label labeled as "Tasks".
b. Text label as the title of the task.
c. Text label as the task under the system.
d. Attribute table with a cell for each task attribute. Please refer to req. [UI 5] for the task attributes.
e. Description table; table that contains task's description.
f. Associations table; table that contains task's associations.

[SRS 42]: This section will include all the task's attributes shown in Figure 8:
a. Status attribute.
b. Priority attribute.
c. Due date attribute.
d. Analyst attribute.
e. Collaborators attribute.
f. Description attribute.
g. Associations attribute.

[SRS 43]: The progress section of the task page shall include the following components as shown in Figure 8:
a. Progress Task-bar.
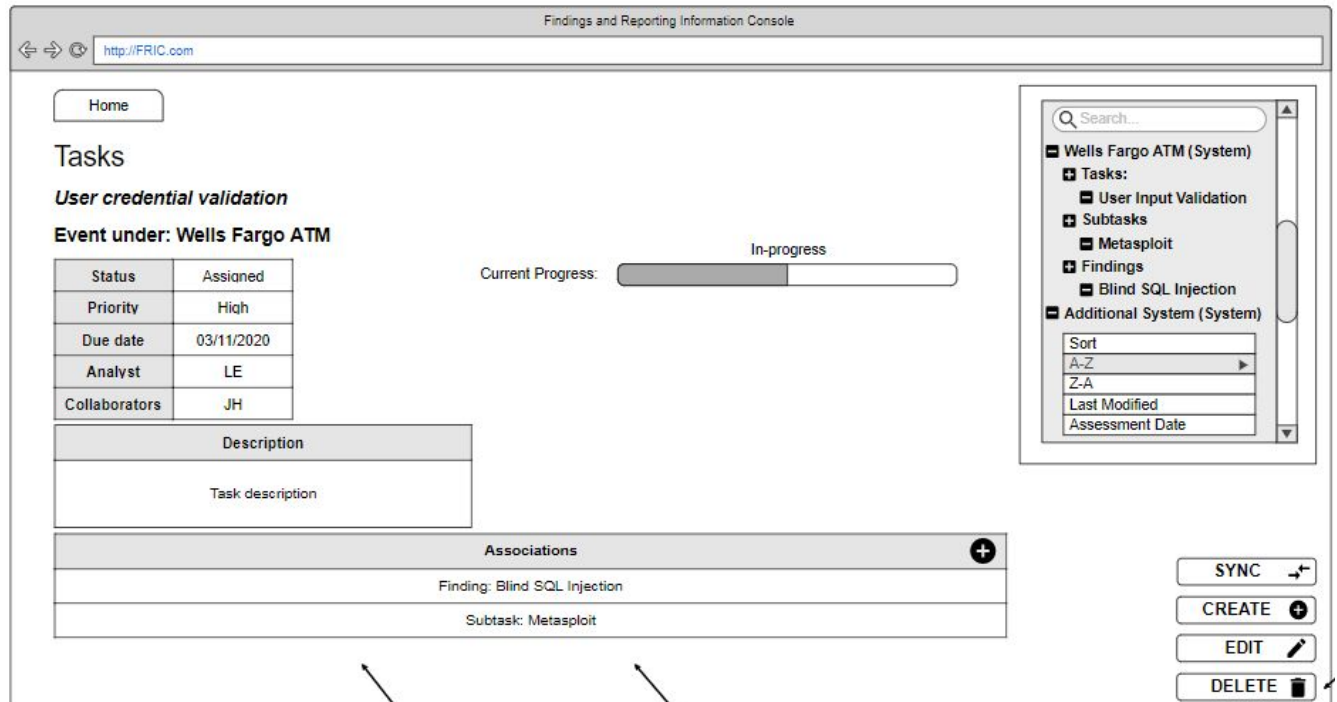b. Text label for current progress (under Progress bar).

Figure 8: Tasks Page

[Create Task Page]

[SRS 44]: The create task page shall include the following sections as shown in Figure 9:
    a. Text fields section.
    b. Drop down selection section.
    c. Checklist section.
    d. Import file(s) section.
    e. Button section.

[SRS 45]: The text section of the create task page shall include the following components as shown in Figure 9:
    a. Text box labeled as "Task Title".
    b. Text box labeled as "Description".

[SRS 46]: The drop down selection section of the create task page shall include the following components as shown in Figure 9:
    a. Drop down box labeled as "Progress".
    b. Drop down box labeled as "Priority".
    c. Drop down box labeled as "Due Date".

[SRS 47]: The checklist selection section of the create task page shall include the following components as shown in Figure 9:
    b. Checklist box labeled as "Assign to Analyst".

[SRS 48]: The import file section of the create task page shall include the following components as shown in Figure 9:
    c.   Button labeled as "Attach file".
    d.   Button labeled as "Open file".

[SRS 49]: The button section of the create task page shall include the following components as shown in Figure 9:
    a.   Button labeled as "Save".

Figure 9: Create Task Page

[Edit Task Page]

[SRS 50]: The edit task page shall include the following sections as shown in Figure 10:
   a. Text fields section.
   b. Drop down selection section.
   c. Checklist section.
   d. Button section.

[SRS 51]: The text section of the edit task page shall include the following components as shown in Figure 10:
   a. Text box labeled as "Task Title".
   b. Text box labeled as "Description".
   c. Text box labeled as "Reason for task demotion".

[SRS 52]: The drop down selection section of the edit task page shall include the following components as shown in Figure 10:
   a. Drop down box labeled as "Progress".
   b. Drop down box labeled as "Priority".
   c. Drop down box labeled as "Due Date".

[SRS 53]: The checklist selection section of the edit task page shall include the following components as shown in Figure 10:
   a. Checklist box labeled as "Assign to Analyst".

[SRS 54]: The button section of the edit task page shall include the following components as shown in Figure 10:
   a. Button labeled as "Save".
   b. Button label as "Demote".
   c. Button label as "Submit".

Figure 10: Edit Task Page

[Subtask Page]

[SRS 55]: The subtask page shall include the following sections as shown in Figure 11:
   a. Menu Section.
   b. Button Section.
   c. Content Section.
   d. Progress Section.

[SRS 56]: The menu section of the subtask page shall include the following components as shown in Figure 11:
   a. System menu.
   b. Tasks sub-menu.
   c. Subtasks sub-menu.
   d. Findings sub-menu.
   e. Events sub-menu.
   f. Additional Systems sub-menu.
   g. Search bar.
   h. Sorting sub-menu.

[SRS 57]: The button section of the subtask page shall include the following components as shown in Figure 11:
   a. Button labeled as "Sync".
   b. Button labeled as "Create +".
   c. Button labeled as "Edit".
   d. Button labeled as "Delete".

[SRS 58]: The content section of the subtask page shall include the following components as shown

in Figure 11:
   a. Text label labeled as "Subtasks".
   b. Text label as the title of the subtask.
   c. Text label as the subtask under the system.
   d. Attribute table with a cell for each subtask attribute. Please refer to req. [UI 5] for the subtask attributes.
   e. Description table; table that contains subtask's description.
   f. Associations table; table that contains subtask's associations.

[SRS 59]: This section will include all the subtask's attributes shown in Figure 11:
   a. Status attribute.
   b. Priority attribute.
   c. Due date attribute.
   d. Analyst attribute.
   e. Collaborators attribute.
   f. Description attribute.
   g. Associations attribute.

[SRS 60]: The progress section of the subtask page shall include the following components as shown in Figure 11:
   a. Progress Task-bar.
   b. Text label for current progress (under Progress bar).

Figure 11: Subtask Page

[Create Subtask Page]

[SRS 61]: The create subtask page shall include the following sections as shown in Figure 12:
   a. Text fields section.

b. Drop down selection section.
c. Checklist section.
d. Import file(s) section.
e. Button section.

[SRS 62]: The text section of the create subtask page shall include the following components as shown in Figure 12:
  a. Text box labeled as "Subtask Title".
  b. Text box labeled as "Description".

[SRS 63]: The drop down selection section of the create subtask page shall include the following components as shown in Figure 12:
  a. Drop down box labeled as "Progress".
  b. Drop down box labeled as "Priority".
  c. Drop down box labeled as "Due Date".
  d. Drop down box labeled as "Task Under".

[SRS 64]: The checklist selection section of the create subtask page shall include the following components as shown in Figure 12:
  a. Checklist box labeled as "Assign to Analyst".

[SRS 65]: The button section of the create subtask page shall include the following components as shown in Figure 12:
  a. Button labeled as "Attach file".
  b. Button labeled as "Open file".

[SRS 66]: The button section of the create subtask page shall include the following components as shown in Figure 12:
  a. Button labeled as "Save".

Figure 12: Create Subtask Page

[Edit Subtask Page]

[SRS 67]: The edit subtask page shall include the following sections as shown in Figure 13:
   a. Text fields section.
   b. Drop down selection section.
   c. Checklist section.
   d. Import file(s) section.
   e. Button section.

[SRS 68]: The text section of the edit subtask page shall include the following components as shown in Figure 13:
   a. Text box labeled as "Subtask Title".
   b. Text box labeled as "Description".

[SRS 69]: The drop down selection section of the edit subtask page shall include the following components as shown in Figure 13:
   a. Drop down box labeled as "Progress".
   b. Drop down box labeled as "Priority".
   c. Drop down box labeled as "Due Date".
   d. Drop down box labeled as "Task Under".

[SRS 70]: The checklist selection section of the edit subtask page shall include the following components as shown in Figure 13:
   a. Checklist box labeled as "Assign to Analyst".

[SRS 71]: The button section of the edit subtask page shall include the following components as shown in Figure 13:
   a. Button labeled as "Attach file".
   b. Button labeled as "Open file".

[SRS 72]: The button section of the edit subtask page shall include the following components as shown in Figure 13:
   a. Button labeled as "Save".
   b. Button labeled as "Promote".
   c. Button labeled as "Submit".

Figure 13: Edit Subtask Page

[Generate Risk Assessment Report Page]

[SRS 73]: The generate Risk assessment report page shall include the following sections as shown in Figure 14:
    a. Drop down selection section.
    b. Checklist section.
    c. Button section.

[SRS 74]: The drop down selection section of the edit subtask page shall include the following components as shown in Figure 14:
    a. Drop down box labeled as "Event".
    b. Drop down box labeled as "Select Finding/s".

[SRS 75]: The checklist selection section of the edit subtask page shall include the following components as shown in Figure 14:
    a. Checklist box labeled as "Select finding".

[SRS 76]: The button section of the edit subtask page shall include the following components as shown in Figure 14:
    a. Button labeled as "Generate Report".

Figure 14: Generate Report Page

[Configuration Page]

[SRS 77]: The configuration page shall include the following sections as shown in Figure 15:
    a.   Text fields section.
    b.   Drop down selection section.
    c.   Button section.
    d.   Tables section.

[SRS 78]: The text fields section of the configuration page shall include the following components as shown in Figure 15:
    b.   Text field labeled as "Reference Tables".
    c.   Text field labeled as "Notifications".
    d.   Text field labeled as "Templates".
    e.   Text field labeled as "Event Rules".

[SRS 79]: The button section of the configuration page shall include the following components as shown in Figure 15:
    a.   Button labeled as "Add Type".
    b.   Button labeled as "Add".
    c.   Button labeled as "Delete".

[SRS 80]: The tables section of the configuration page shall include the following components as

shown in Figure 15:
- a. Table labeled as "Findings Type".
- b. Table labeled as "System Categorization".
  - i. Confidentiality attribute.
  - ii. Integrity attribute.
  - iii. Availability attribute.
- c. Table labeled as "CAT".
- d. Table labeled as "Level".
- e. Table labeled as "Posture".
- f. Table labeled as "Status".
- g. Table labeled as "Levels".
- h. Table labeled as "Relevance".

[SRS 81]: The drop down selection section of the configuration page shall include the following components as shown in Figure 15:
- a. Drop down box labeled as "Send task/subtasks notification".

Figure 15: Configuration Page