**Scenario :** Edit a File Format

**Include Use Case:** Access Database.

**Description:** The Scientist chooses to edit an existing file format

**Actors:** Scientist, Database.

**Pre-Condition:** The scientist has logged on to the system and the scientist is a registered user of the system.

**Trigger Condition:** The scientist has chosen the option to edit an existing file format.

1. The system displays a form where the scientist can specify which part of the formatting they would like to edit.
2. The scientist selects the save file format option. (alt 1)
3. The System accesses the database.
4. The database stores the new information of the file format.
5. The system informs the user that the file format has been saved to the database.
6. End of use case.

Alt 1

1. The database generates a message to the system signifying that the specified file format could not be saved due to connectivity issues with the data base.
2. The scientist choses the retry option to save the file format (Alt 2).
3. Continue execution at step 2.

Alt 2

1. The scientist choses to not retry saving the file format.
2. Continue execution at step 6.

**Scenario :** Create a File Format

**Include Use Case:** Access Database.

**Description:** The Scientist chooses to create file format

**Actors:** Scientist, Database.

**Pre-Condition:** The scientist has logged on to the system and the scientist is a registered user of the system.

**Trigger Condition:** The scientist has chosen the option to create a new file format.

1. The system displays a form where the scientist can specify how the data should be formatted.
2. The scientist selects the save file format option. (alt 1)
3. The System accesses the database.
4. The database stores the information of the file format along with the scientist’s general information (i.e. name, number, place of study at the time, etc.) (alt 1).
5. The system informs the user that the file format has been saved to the database.
6. End of use case.

Alt 1

1. The database generates a message to the system signifying that the specified file format could not be saved.
2. The scientist choses the retry option to save the file format (Alt 2).
3. Continue execution at step 2.

Alt 2

1. The scientist choses to not retry saving the file format.
2. Continue execution at step 6.

**Scenario :** Remove a File Format

**Include Use Case:** Access Database.

**Description:** The Scientist chooses to remove an existing file format

**Actors:** Scientist, Database.

**Pre-Condition:** The scientist has logged on to the system and the scientist is a registered user of the system.

**Trigger Condition:** The scientist has chosen the option to remove a file format.

1. The system displays a form where the scientist can specify which file format they would like to remove.
2. The scientist selects the file format to be removed option. (alt 1)
3. The System accesses the database.
4. The database removes the information of the file format (alt 1).
5. The system informs the user that the file format has been removed to the database.
6. End of use case.

Alt 1

1. The database generates a message to the system signifying that the specified file format could not be removed due to a connection issue.
2. The scientist choses the retry option to remove the file format (Alt 2).
3. Continue execution at step 2.

Alt 2

1. The scientist choses to not retry saving the file format.
2. Continue execution at step 6.

**Scenario :** Specify and Parse a File Format

**Include Use Case:** Access Database.

**Description:** The Scientist chooses to specify and parse a file format

**Actors:** Scientist, Database.

**Pre-Condition:** The scientist has logged on to the system and the scientist is a registered user of the system.

**Trigger Condition:** The scientist has chosen the option to specify and parse a file format.

1. The system displays a form where the scientist can specify which file format they would like to parse.
2. The scientist selects the file format to be parsed. (alt 1)
3. The System accesses the database.
4. The database selects the information of the file format to be parsed (alt 1).
5. The system informs the user that the file format has been selected and is going to be parsed.
6. End of use case.

Alt 1

1. The database generates a message to the system signifying that the specified file format could not be parsed due to a connection issue.
2. The scientist choses the retry option (Alt 2).
3. Continue execution at step 2.

Alt 2

1. The scientist choses to not retry parsing the file format.
2. Continue execution at step 6.