

RDT Use Cases

Use Case: Upload RDT

Precondition: User must be authenticated with a token

1. User navigates to the RDT Manager page from the left side bar
2. The user highlights the RDT files and selects upload at bottom of page
3. System copies files to the server to be used with one or more devices

Exceptions:

2.1 [User excludes one or more required files belonging to the RDT]

2.1.1 System advises user of incorrect files necessary for RDT use

2.1.2 User can go back to upload page and re-select required files for upload

Postconditions:

Successful upload:

All proper files necessary for RDT are copied to the server for use within an application bundle on one or more devices

Unsuccessful upload:

No files copied to server

Application Use Cases

Use Case: Upload Application

Precondition: User must be authenticated with a token

1. User navigates to the Application Manager page from the left side bar
2. The user highlights the application bundle files and selects upload at bottom of page
3. System copies files to the server to be run on one or more devices

Exceptions:

2.1 [User excludes one or more required files belonging to the application bundle]

2.1.1 System advises user of incorrect files necessary for application deployment

2.1.2 User can go back to upload page and re-select files for upload

Postconditions:

Successful upload:

All files necessary for the application are copied to the server for use on one or more devices

Unsuccessful upload:

No files copied to server

Use Case: Deploy Application

Preconditions: User must be authenticated and have uploaded at least one application bundle

1. The user clicks the Application Manager link on the left hand side
2. A list of application bundles will show on the top of the page. A user will click the “deploy” button next to the application they want to use

Postconditions:

Successful deployment:

The desired application is deployed and ready for use within the simulation

Unsuccessful deployment:

No application is deployed for use within the simulation

Use Case: Run Application

preconditions: User must be authenticated, and have already uploaded and deployed application

1. The user clicks on the “Add Device” link on the left hand side bar
2. A list of applications that have been uploaded and deployed will be listed. The user can then click the “launch” button next to the desired application to run it

Postconditions:

Successful launch:

The desired application is ran and ready for use

Unsuccessful launch:

No application is ran for use