



Use Case Name: Login	
Actor(s)	User, Admin
Precondition	NA
Trigger	New Program Window Opened
Guarantee	That only owner can login into program
Description	When the program is first run, user is requested to login for safety reasons.
Data	Text (Password)
Response	<ul style="list-style-type: none">Success: Load program main pageFailure: Error message
Comments (notes)	NA

Use Case Name: Create Block	
Actor(s)	Admin, User
Precondition	NA
Trigger	Clicking “Create New Block” Button
Guarantee	Block has a name
Description	Create new Block implementation window. First page of creating a new Block: Naming A Block consists of multiple other use-cases and pages: <ul style="list-style-type: none">Create whitelistCreate blacklistCreate application listSet lock
Data	Text
Response	<ul style="list-style-type: none">Proceed: Move to create blacklist pageCancel: close new Block implementation window
Comments (notes)	Ensures that the new Block has a name. Won’t proceed otherwise.

Use Case Name: Create Blacklist	
Actor(s)	Admin, User
Precondition	Block Name has been set
Trigger	Click “Proceed” on set Block Name page
Guarantee	NA
Description	Accepts an arraylist of URLs to blacklist entered invdividually
Data	Text (website URLs)
Response	<ul style="list-style-type: none">Back: Return to set Block Name pageProceed: Move to create whitelist pageCancel: close new Block implementation window
Comments (notes)	Typing * in the field will blacklist ALL website URLs

Use Case Name: Create Whitelist	
Actor(s)	Admin, User
Precondition	<ul style="list-style-type: none">Block Name has been setDoes not conflict with Blacklist of different Block (otherwise ignore)
Trigger	Click “Proceed” on create Blacklist page
Guarantee	NA
Description	Sets a Whitelist of website URLs.
Data	Text (website URLs)
Response	<ul style="list-style-type: none">Back: Return to create Blacklist pageProceed: Move to create Application list pageCancel: close new Block implementation window
Comments (notes)	Typing * in the field will whitelist ALL website URLs

Use Case Name: Create Application list	
Actor(s)	Admin, User
Precondition	Block Name has been set
Trigger	Click “Proceed” on create Whitelist page
Guarantee	NA
Description	Sets a list of Applications the user wants to block
Data	Text (software name)
Response	<ul style="list-style-type: none">Back: Return to create Whitelist pageProceed: Move to set Lock pageCancel: close new Block implementation window
Comments (notes)	NA

Use Case Name: Set Lock	
Actor(s)	Admin, User
Precondition	Block Name has been set
Trigger	Click “Proceed” on create Application list page
Guarantee	NA
Description	Sets a Lock Type
Data	<ul style="list-style-type: none">Text (Name of Lock Type)Radio Button (select Lock Type from choices)??
Response	<ul style="list-style-type: none">Opens new Lock Type Window depending on user inputBack: Return to create create Application list pageCancel: close new Block implementation window
Comments (notes)	A Lock ensures that the Block is safe from edits while it is running

Use Case Name: Set Lock Type “Password”	
Actor(s)	Admin, User
Precondition	<ul style="list-style-type: none">Block Name has been setUser selected “Password” in setting lock type
Trigger	User selected “Password” in setting lock type
Guarantee	That Block is Locked using Password
Description	Lets user define a Password to Lock the Block
Data	<ul style="list-style-type: none">Enter new PasswordVerify Password
Response	<ul style="list-style-type: none">OK: Save Lock type and return to set Lock pageCancel: Terminate Lock type window without saving and return to set Lock page
Comments (notes)	NA

Use Case Name: Set Lock Type “Time Range”	
Actor(s)	Admin, User
Precondition	<ul style="list-style-type: none">Block Name has been setUser selected “Time Range” in setting lock type
Trigger	<ul style="list-style-type: none">User selected “Time Range” in setting lock typeClicked on proceed while setting Deadlock
Guarantee	That Block is Locked using Time Range
Description	Lets user define a Time Range to Lock the Block
Data	<ul style="list-style-type: none">Start timeEnd time
Response	<ul style="list-style-type: none">OK: Save Lock type and return to set Lock pageCancel: Terminate Lock type window without saving and return to set Lock page
Comments (notes)	NA

Use Case Name: Set Lock Type “Daily Limit”	
Actor(s)	Admin, User
Precondition	<ul style="list-style-type: none">Block Name has been setUser selected “Daily Limit” in setting lock type
Trigger	User selected “Daily Limit” in setting lock type
Guarantee	That Block is Locked using Daily Limit
Description	Lets user define a Daily Limit to Lock the Block
Data	<ul style="list-style-type: none">Time measure (hours/minutes)Amount (e.g. 7 hrs)
Response	<ul style="list-style-type: none">OK: Save Lock type and return to set Lock pageCancel: Terminate Lock type window without saving and return to set Lock page
Comments (notes)	NA

Use Case Name: Create Deadlock	
Actor(s)	Admin, User
Precondition	NA
Trigger	Click “Create New Deadlock” on main page
Guarantee	Deadlock is named
Description	<ul style="list-style-type: none">• Create new Deadlock implementation window• First page of window: Naming
Data	Text (Name)
Response	<ul style="list-style-type: none">• Proceed: Opens new Lock type Time Range window• Cancel: close new Deadlock implementation window• Save:<ul style="list-style-type: none">➢ Creates new Deadlock object with relevant details➢ Displays new Deadlock on main page
Comments (notes)	A Deadlock blocks the entire device for a specified time

Use Case Name: Edit Current Blocks	
Actor(s)	Admin, User
Precondition	Has Authorization
Trigger	Click “Edit Current Blocks” on main page
Guarantee	NA
Description	Allows user to make changes to already implemented Blocks
Data	<ul style="list-style-type: none">• Text (Block/Deadlock Name)• Radio Button??
Response	<ul style="list-style-type: none">• Start/Stop: change current state of Block• Delete: Block• Open Block/Deadlock implementation window
Comments (notes)	NA

Use Case Name: Check Authorization	
Actor(s)	Admin
Precondition	NA
Trigger	Attempting to change some details
Guarantee	That it is actually a person with admin privileges making changes
Description	When logging in or trying to change details of a Block
Data	Text (4 Passwords)
Response	<ul style="list-style-type: none">• Success: grant privileges• Failure: Error message, deny access
Comments (notes)	There are 4 passwords to enter, at least 2 must be entered correctly

Use Case Name: Permit Special Actions	
Actor(s)	Admin
Precondition	That the Admin authorization was granted successfully
Trigger	Attempting to edit some details of a Block
Guarantee	NA
Description	When trying to change details of a Block, with Admin access changes are allowed despite the Block’s current state
Data	<ul style="list-style-type: none">• Text (Block/Deadlock Name)• Radio Button choice
Response	<ul style="list-style-type: none">• Start/Stop: change current state of Block• Delete• Edit details: Open Block/Deadlock implementation window
Comments (notes)	NA