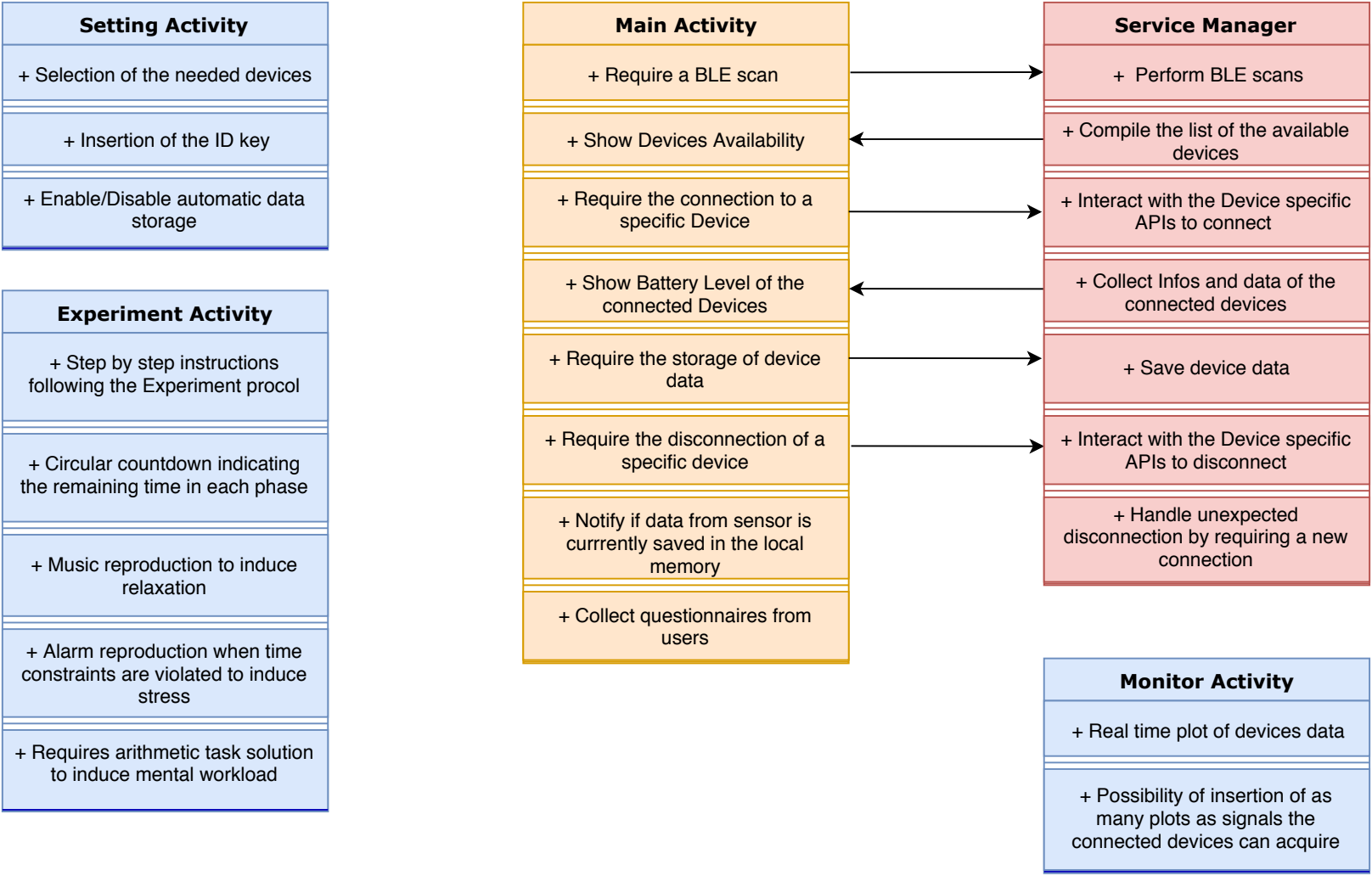
Setting Activity
+ Selection of the needed devices
+ Insertion of the ID key
+ Enable/Disable automatic data storage
Experiment Activity
+ Step by step instructions following the Experiment procol
+ Circular countdown indicating the remaining time in each phase
+ Music reproduction to induce relaxation
+ Alarm reproduction when time constraints are violated to induce stress
+ Requires arithmetic task solution to induce mental workload
Main Activity
+ Require a BLE scan
+ Show Devices Availability
+ Require the connection to a specific Device
+ Show Battery Level of the connected Devices
+ Require the storage of device data
+ Require the disconnection of a specific device
+ Notify if data from sensor is currrently saved in the local memory
+ Collect questionnaires from users
Service Manager
+ Perform BLE scans
+ Compile the list of the available devices
+ Interact with the Device specific APIs to connect
+ Collect Infos and data of the connected devices
+ Save device data
+ Interact with the Device specific APIs to disconnect
+ Handle unexpected disconnection by requiring a new connection
Monitor Activity
+ Real time plot of devices data
+ Possibility of insertion of as many plots as signals the connected devices can acquire