

Lab Booking System

1. LAB PC

- Name (Name of LAB PC Eg. KOR1065354)
- IP address
- List of hardware connected to that PC

(Eg.

SCU: Type

INCA: Version

CANoe: VN1610, XCP enabled

Power Supply: Type(Programmable)

Picoscope: Version, type

Hardware can be configured from the list of hardware available in database.

- Project_Scope: Project type
- LAB owner Main
- LAB owner Proxy

1. Functions for Hardware:

Create hardware

Update hardware and its versions, type

Delete Hardware

User id associated by whom is updated(created or deleted and what activity is done will be logged)

2. Functions for LAB PCs:

(Note: LAB PCs are also hardware.)

Create LABPCs

Add hardware to the LAB PC

Delete hardware to the LAB PC

3. Function to check LAB PCs availability

Populate table of all LAB PCs and associated item

LAB_PC-Project_Scope-Current_Availability-Current booking_time Booked_by_UserId
Book button

1065354- EGSPM_2.5-No-Mon(9AM-1PM)-VBK5KOR-Book now

Features:

Filter LAB PC availability based on the following::

Select

1. Date/today/tomorrow
2. Select Project Scope from drop down
3. Or, Select specific LAB PC from drop down
- 4.

4. LAB usage percentage on weekly/monthly basis, mail should be triggered to group of people.

Default: shows weekly and mail would be triggered to group of people on weekly basis.

LAB PC

Used Hrs.

%age used

Saturday, 15 May 2021

5. Function to add user id: User ID will be displayed at the top of the APP: Welcome {U_ID} and though that User Id all functionalities would be performed.

6. Booking functions

- a. BookLABPC(LAB_ID, Date, Time Range, Project Scope, Purpose)
- b. Cancel booking()
 - Should show booked LAB PC by respective USER ID.
 - Cancel

Mail should be triggered to respective booking and cancellation to respective user id.

LAB PC

Used Hrs.

%age used