

User			
<u>username</u>	VARCHAR(128)	<pk>	not null
password	VARCHAR(128)		not null
role	VARCHAR(128)		not null

execution

MaintenanceActivity			
<u>activity_id</u>	INT4	<pk>	not null
maintainer_username	VARCHAR(128)	<fk>	null
type	VARCHAR(128)		not null
site	VARCHAR(128)		not null
typology	VARCHAR(128)		not null
description	VARCHAR(128)		not null
estimated_time	INT4		not null
interruptible	BOOL		not null
materials	VARCHAR(128)		null
week	INT4		not null
workspace_notes	VARCHAR(128)		null
week_day	VARCHAR(128)		null
start_time	INT4		null

- The user role must be "admin", "maintainer" or "planner"
- The maintenance activity's type must be "planner", "unplanned" or "extra"
- The maintenance activity's estimated time is expressed in minutes
 - The maintenance activity's week is an integer between 1 and 52
- The maintenance activity's week_day must be "monday", "tuesday", "wednesday", "thursday", "friday", "saturday", "sunday"
- The maintenance activity's start_time is a positive integer indicating the work hour to which the maintenance activity has to be assigned