YACE

**Requirements:**

User:

1. User should be able to enter his clarity entries easily for the current week.
2. User should be able to review (read) their current or previous weeks’ entries.
3. User should be able to modify their entries.
4. If the user has no entry to make for the current/prev weeks, he should be able to select the reason for not submitting the entry instead of filling the entry.
5. User should not be able to enter Open timesheets.
6. User should be able to see the forecast hours (Image??Download??)

Admin:

1. Admin should be able to view all entries of the users.
2. Admin should be able to modify the status of the entries. (The user may call admin and tell that he has already submitted the clarity but didn’t update in YACE).
3. Admin should be able to modify the entries of the user.
4. Admin should be able to remind the user(s) through mail about entering clarity entries.
5. Admin should be able to see entries of a particular user for specified period.
6. Admin should be able to export the entries to excel/pdf.
7. Admin should be able to add new users to the system.

Other:

1. There should not be any login credentials to use the application. User should directly be asked to enter entries without any authentication, if he uses the application from his own system
2. If the user is using the application from some other system, he should be able to make entries after authenticating himself. Still the user will not be asked about any login credentials.

DB:

USER:

* ID – CTS emp id
* CNAME – full name on clarity
* FNAME –First name
* LNAME – Last name
* EMAIL – Cognizant mail id.
* SYSTEM\_IP – System IP address of the user
* ROLE – Admin/ None

UserDAO:

getUserBySystemIP( String systemIP);

updateSystemIP(int id, String systemIP);

TIMESHEET

* ID – Generated
* USER\_ID – *reference to USER.ID*
* WEEK\_START\_DT
* STATUS – Done/Not Done
* CLARITY\_STATUS – Status on clarity when entry is made in this application
* LAST\_MODIF\_DT – Last Modified Date
* MODIF\_BY – Last Modified User ID
* DAY\_1
* DAY\_2
* DAY\_3
* DAY\_4
* DAY\_5
* DAY\_6
* DAY\_7
* TOT\_HOURS

TimeSheetDAO:

addTimesheet( Timesheet t)

udateTimesheetStatus( long id, String status); - Force update status (by admin!)

updateTimesheet(Timesheet t);

deleteTimesheet(long id);

TIME\_ENTRY

* ID – Generated
* USER\_ID - *reference to USER.ID*
* TS\_ID – *reference to TIMESHEET.ID*
* PROJECT\_ID
* PROJECT
* PROJECT\_DESC
* DAY\_1
* DAY\_2
* DAY\_3
* DAY\_4
* DAY\_5
* DAY\_6
* DAY\_7
* TOT\_HOURS

TimeEntryDAO

addTimeEntry(TimeEntry te);

updateTimeEntry (TimeEntry te);

deleteTimeEntry(long id);

TIME\_FORECAST

* ID – Generated
* MON
* MON\_START\_DT
* MON\_END\_DT
* BLOB?

