

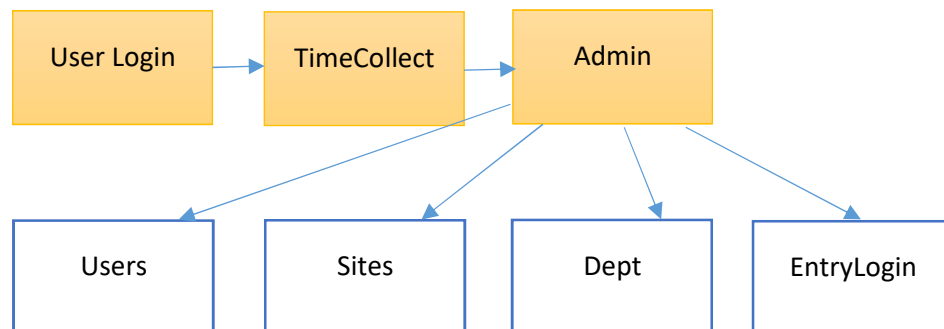
# Time Collect

## 1. General

- a. The aim of this software is to collect start time and end time of the users, from different locations to an MsSql database.
- b. Type of users:
  - i. Super admin – can create and edit local admins  
can see and filter all users
  - ii. Local admin – can login locally to the main screen.  
can see only his local activity users
  - iii. Users – can add records to the main collect screen.  
adding a record is done by using a magnetic card reader, at the beginning and at the end of activity.
- c. Main Programing language: Classic ASP
- d. Responsive – the draft for this program is already exist.  
the users will use 10" tablet for collecting the times.  
the admins will use mobile or desktop to manage the admin screens
- e. CSS – bases on the existing stylesheets and demo site
  - i. Dates: in format of: DD/MM/YYYY
- f. The root – index.asp page of this site is the userLogin screen
- g. The Database is already exist

## 2. Screens for this software:

Screen flow: there are 3 screens + 3 addEdit table data screens (can be popups)



### a. userLogin screen

this is the index.asp first page of this site.

localAdmin will Redirect to the TimeCollect screen where all other users will be able to start there activity and pass their cards.

b. **TimeCollect screen:**

The main users screen is a single text field where the space holder text say:

"please pass your Magnetic card"

it also has a button for ADMIN LOGIN and EXIT button

the access to this screen is after LOCALADMIN login

i. After the user to pass his card:

1. The card ID data is stored in the database along with the data fields in the TimeCollect table.

siteID, DeptID, userCardID, date, StartTime, EndTime, IPaddress

|  |
|--|
| Logo (200px*200px)<br>siteName<br>DeptName |
| <div>please pass your Magnetic card</div>  |

2. The screen redirect to an *end activity* page that also has only one field for the user to pass his card. the space holder text say: "please pass your Magnetic card at the end of your activity"

Above this field the user will see a note:

*Thank you – now please start your activity. Return to this screen at the end*

|  |
|--|
| Logo (200px*200px)<br>siteName<br>DeptName                                   |
| Thank you – now please start your activity. Return to this screen at the end |
| <div>please pass your Magnetic card at the end of your activity</div>        |

i. After the user pass his card at the end of his activity, the system will:

3. Locate the last record of this user – based on his card number.
4. Store the end time at the field
5. Calculate and store the total activity time of this record and store it in TotalTime field.
6. REMARK: since records will be store at the same time from many different sites, it is important before store the end time to locate the right record of this user.

ii. The screen return to the first screen. ("please pass your Magnetic card")

c. **Admin Login**

this screen is access from: the button in the TimeCollect screen, or with a direct html address. The LOGIN screen include username and UserPassword fields. And a login button.

- The SUPERUSER or LOCALADMIN login will redirect him to TimeCollect screen and show him the section according to his USERTYPE
- SUPERUSER will see all data from the TimeCollect table with ability to filter the data. And access to reports.
- LOCALADMIN will see data from the TimeCollect table filtered by his siteID Only. With option to filter by dates
- if a is login than he will be redirect to the TimeCollect screen

**ADMIN SCREEN**

**SuperAdmin Menu** (only when superAdmin is logged in) (+/- collaps menu)

AddEdit User link AddEdit Site link AddEdit Dept. link EntryLogin link

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**Filters: (accumulated filters)**

|                                   |  |   |   |
|-----------------------------------|--|---|---|
| Dates:<br>From _____<br>To: _____ | Sites:<br><u>combo to select site</u><br>(option for all or none ) | Dept.:<br><u>combo to select Depts.</u><br>(option for all or none) | userCardID:<br><u>free text to enter user</u><br><u>card number</u> |
|-----------------------------------|--|---|---|

sortBy: (sort will be always date > siteName > userCardID asc.)

|                                     |                                    |                                   |
|-------------------------------------|------------------------------------|-----------------------------------|
| <input type="checkbox"/> date Desc. | <input type="checkbox"/> date Asc. | <input type="checkbox"/> SiteName |
|-------------------------------------|------------------------------------|-----------------------------------|

**FILTER-BUTTON** – View on screen

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**REPORTS: (accumulated filters)**

(based on the above filters) (reports sort will be always date > siteName > userCardID asc.)

|   |  |   |  |  |
|---|--|---|--|--|
| <b>Site Activity</b><br>(all sort by<br>siteName.<br>or as selected by<br>filter) | <b>Dept Activity</b><br>(all sort by<br>dept.Name<br>or selected by<br>filter) | <b>USER Activity</b><br>(Sort by date<br>Desc.) | <b>TopUsers</b><br>Sort by calculating<br>all Totaltime fields<br>of all the users ID<br>with Totaltime<br>DESC. |  |
|---|--|---|--|--|

**RUNREPORT-BUTTON** – export to MsExcell

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**DELETE DATA (accumulated filters)**

|                                   |  |   |   |
|-----------------------------------|--|---|---|
| Dates:<br>From _____<br>To: _____ | Sites:<br><u>combo to select site</u><br>(option for all or none ) | Dept.:<br><u>combo to select Depts.</u><br>(option for all or none) | userCardID:<br><u>free text to enter user</u><br><u>card number</u> |
|-----------------------------------|--|---|---|

**DELETE-BUTTON** ---are you sure....verifing...

**LocalAdmin Menu** (only when LocalAdmin is logged in) (+/- collaps menu)

Filter Dates: From \_\_\_\_\_ To: \_\_\_\_\_

**FILTERBUTTON**

TimeCollect data

**Admin Link** – open the above sectionfollow to  
adminType

| ID | siteID | DeptID | userCardID | date      | StartTime | EndTime  | TotalTime | IPaddress       |  |
|----|--------|--------|------------|-----------|-----------|----------|-----------|-----------------|--|
| 1  | 1      | 6      | 656565655  | 15/1/2018 | 17:25:15  | 18:30:16 | 01:05:01  | 123.456.789.789 |  |
| 2  | 1      | 6      | 987998798  | 15/1/2018 |           |          |           |                 |  |
| 3  | 3      | 7      | 321323212  | 15/1/2018 |           |          |           |                 |  |

View 50 records a page

Paging: first, prev, -pages numbers-, next, last

## **Report structure – export to MsExcell**

### Site Activity

| ID | siteName | DeptName | userCardID | date      | StartTime | EndTime  | TotalTime |
|----|----------|----------|------------|-----------|-----------|----------|-----------|
| 1  | Name1    | Dept1    | 656565655  | 15/1/2018 | 17:25:15  | 18:30:16 | 01:05:01  |
| 2  | Name1    | Dept6    | 987998798  | 15/1/2018 | 13:15:15  | 15:15:15 | 01:25:15  |
| 3  | Name1    | Dept7    | 321323212  | 15/1/2018 | 13:35:45  | 14:25:15 | 00:25:15  |

### Dept Activity

| ID | siteName | DeptName | userCardID | date      | StartTime | EndTime  | TotalTime |
|----|----------|----------|------------|-----------|-----------|----------|-----------|
| 1  | Name1    | Dept1    | 656565655  | 15/1/2018 | 17:25:15  | 18:30:16 | 01:05:01  |
| 2  | Name2    | Dept1    | 987998798  | 15/1/2018 | 13:15:15  | 15:15:15 | 01:25:15  |
| 3  | Name3    | Dept1    | 321323212  | 15/1/2018 | 13:35:45  | 14:25:15 | 00:25:15  |

### users Activity

| ID | siteName | DeptName | userCardID | date      | StartTime | EndTime  | TotalTime |
|----|----------|----------|------------|-----------|-----------|----------|-----------|
| 1  | Name1    | Dept1    | 656565655  | 15/1/2018 | 17:25:15  | 18:30:16 | 01:05:01  |
| 2  | Name1    | Dept1    | 656565655  | 13/1/2018 | 13:15:15  | 15:15:15 | 01:25:15  |
| 3  | Name1    | Dept1    | 656565655  | 12/1/2018 | 13:35:45  | 14:25:15 | 00:25:15  |

### TopUsers Activity

| ID | siteName | DeptName | userCardID | date      | StartTime | EndTime  | TotalTime       |
|----|----------|----------|------------|-----------|-----------|----------|-----------------|
| 1  | Name1    | Dept1    | 656565655  | 15/1/2018 | 17:25:15  | 18:30:16 | <b>11:05:01</b> |
| 2  | Name2    | Dept7    | 656565655  | 13/1/2018 | 13:15:15  | 15:15:15 | <b>10:25:15</b> |
| 3  | Name5    | Dept3    | 656565655  | 12/1/2018 | 13:35:45  | 14:25:15 | <b>09:25:15</b> |

## popups

d. Users

this screen is for the ADMIN type users. Can be a popup

Every time that the admin is login will be add a new record in the EntryLog table

AddEdit User screen

|   |      |
|---|------|
| userID  |      |
| Active ( <b>combo only for SuperAdmin use</b> ) (1=yes, 0=no) |      |
| userType ( <b>combo only for SuperAdmin use</b> )             |      |
| User Name \ email   |      |
| User password   |      |
| User Site ( <b>combo only for SuperAdmin use</b> )            |      |
| User Dept ( <b>combo only for SuperAdmin use</b> )            |      |
| Add new   | Save |

e. Sites

Add Edit siteName

|          |      |
|----------|------|
| SiteID   |      |
| SiteName |      |
| Add new  | Save |

f. Dept

Add Edit deptName

|          |      |
|----------|------|
| DeptID   |      |
| DeptName |      |
| Add new  | Save |

g. EntryLog

view the log, ability to sort with each column (can be full screen)

|       |      |              |              |           |
|-------|------|--------------|--------------|-----------|
| LogID | Date | userID: name | siteID: name | IPaddress |
|-------|------|--------------|--------------|-----------|

### 3. Tables for this software:

- a. TC\_TimeCollect
  - i. TimeCollectID
  - ii. siteID
  - iii. DeptID
  - iv. userCardID (to be **encrypted**-any method is fine. Restore will be on screen and reports) (Text charNav – field type, 50 charecters long)
  - v. date (d\m\y)
  - vi. StartTime (hh:mm:ss) (Text charNav – field type, 8 charecters long)
  - vii. EndTime (hh:mm:ss) (Text charNav – field type, 8 charecters long)
  - viii. TotalTime (calculate after insert the end time) (hh:mm:ss) (Text charNav – field type, 8 charecters long)
  - ix. IPaddress (charNav – field type, 25 charecters long)
- b. TC\_Users
  - i. UserID
  - ii. Active (int 1\0)
  - iii. UserType (int 1-SuperAdmin, 2-LocalAdmin, 3-User)
  - iv. UserEmail (charNav – field type, 50 charecters long)
  - v. UserPassword (charNav – field type, 100 charecters long)
  - vi. UserSiteID
  - vii. UserDeptID
- c. TC\_Sites
  - i. SiteID
  - ii. SiteName (charNav – field type, 50 charecters long)
- d. TC\_Dept
  - i. DeptID
  - ii. DeptName (charNav – field type, 50 charecters long)
- e. TC\_EntryLog
  - i. EntryLogID
  - ii. Date (d\m\y hh:mm)
  - iii. userID
  - iv. SiteID
  - v. IPaddress (charNav – field type, 50 charecters long)