





PAMS Time and Attendance

A Fully Integrated Web based Enterprise Time Attendance & Leave Management Application with Access Control Systems



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A Brief

The PA Time and Attendance system provides improved efficiency, accuracy and productivity to the resource management and pay-roll process of the organizations. This system has the roster management

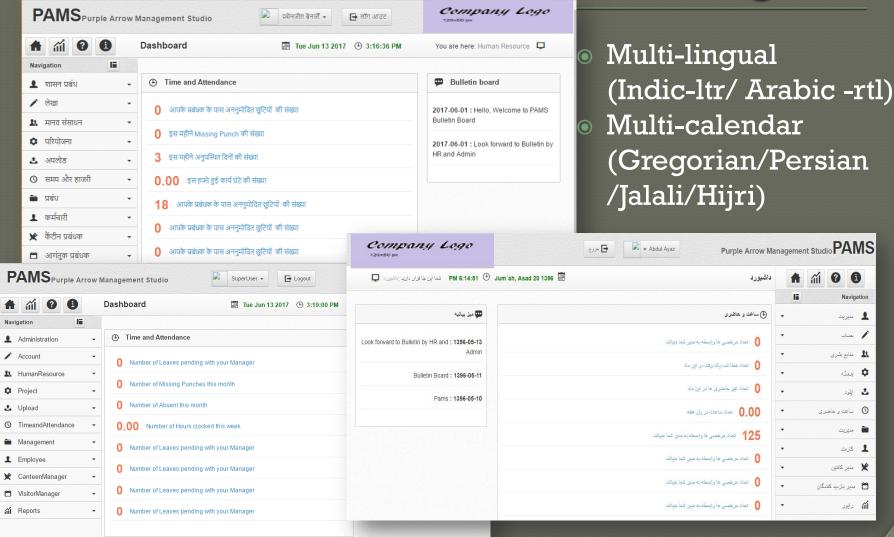
module inbuilt and integrates with the time & attendance and access control hardware systems to provide attendance, late clocking exceptions, overtime information of employees to the HR, Payroll and their respective departments.



Enterprise Level

- Multi-lingual
- Multi-calendar (Currently Gregorian/Persian/Jalali/Hijri)
- Can handle Multi Units and Location
- Web based Server
- Centralized Database Server
- Unlimited User
- Multiple Role so each employee can have different Menus and Views
- Multiple ways to provide input apart from standard
 - Web Browser input using PAMS,
 - Windows based input using Pluto Marker for Desktop,
 - Android or iOS based input using Pluto for Mobile getting current location using GPS
 - Direct Access input when in Office using Pluto WIFI (in the range of Office WIFI instead of Biometric mainly for Management)
- Single Platform for all PAMS Products T&A, Visitor Management,
 Canteen Management etc

<u> M</u>ultilingual



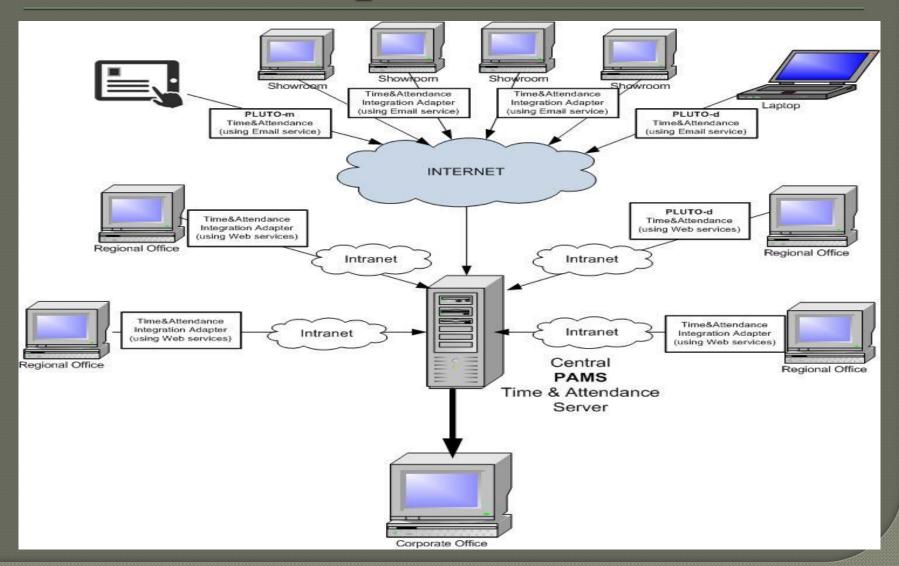
Customization - our forte

- Our product is an employee platform and utilizing it to the potential can bring continuous benefit to the customer
- Continuous Engagement is the key
- Though our product is whole but each customer has an existing way of working
- A start is always with our product but we continue to discuss and see how we can carry forward the value add from the old system to the new one.
- Customization are identified, approved and delivered in timely manner.
- Design support to customize to other languages

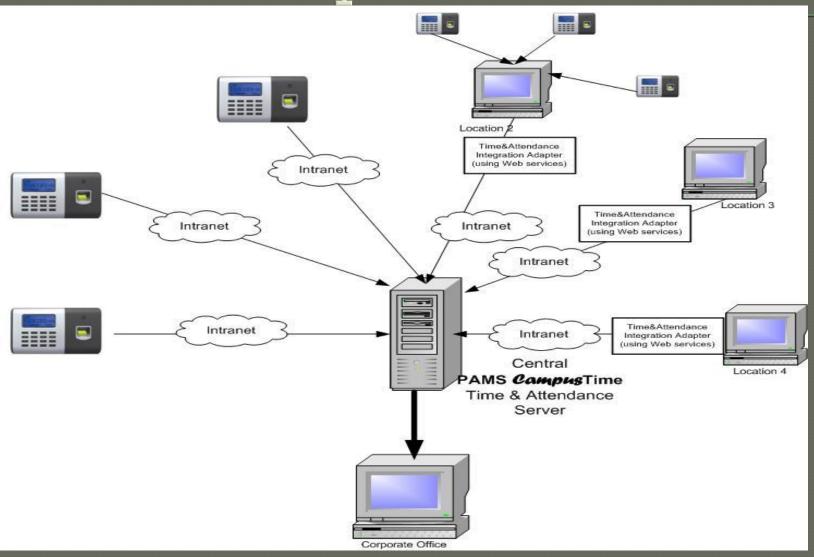
Some Highlights

- Supports Biometric, Active and Passive RFID tags
- Capable to integrate with any Access Control system.
- Compatible with Tablets and Smart phones
- Single Sign on with all PACS products
- Email Notification and Active Directory Integration
- Employee and User Role Management
- Shift management and Roster generation
- Roster approval and re-assignment
- Leaves & Travel Management
- Multiple Holiday Groups
- Track time-in and time-out of every personnel
- Late clock-in, early clock-out and other exceptions list
- Exception reporting
- Integration with multiple access control systems
- Project wise processing and reports
- Export data to Payroll Systems

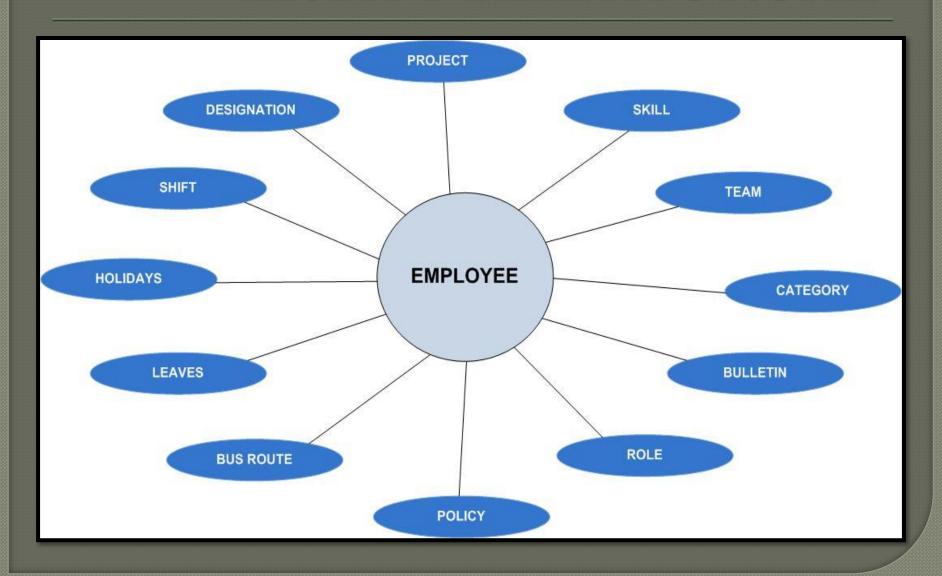
PAMS Enterprise Architecture



PAMS Enterprise Architecture

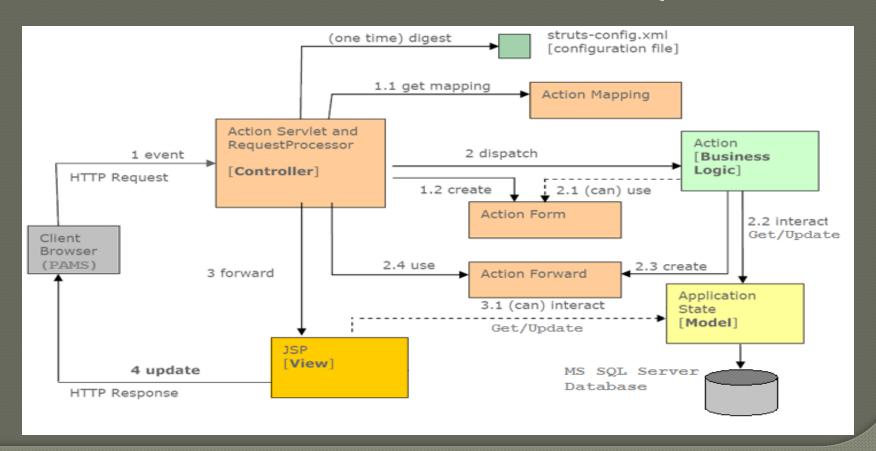


ENTITY RELATIONSHIP



Technical Architecture

- PAMS is based on MVC architecture
- The backend database is MS SQL Server



Pluto Marker

- Mobile Attendance System
- Pluto-m for Mobile
- Pluto-d for Desktop/Laptops
- Sends Check-in/Check-out Time and Location
- Uses AES (acronym of Advanced Encryption Standard) while sending data
- Works on Intranet and Internet
- Integrated with PAMS Time and Attendance

Scalability

- The Application is vertically and horizontally scalable.
 - Vertically in terms of have more Units integrated and integrating option on Intranet /Internet
 - Horizontally in terms of adding more features.
 PAMS is a platform, we have different modules like Time Attendance, Canteen Management and many future expansions like Visitor Management, Skill Management, Project Time Management etc.

Serviceability

- We have a dedicated team under a Product Support Manager.
- Our support time is between 10AM-7PM.
 Though our goal is to ensure zero down time at customer site.
- The Product Support team is responsible to ensure all upgrades/updates are done regularly during the support period.
- Level 1 Support is within a day
- Level 2 Support is within 3 days
- Level 3 Support is within 5 days

Information Flow

<One Time>: Set Company and Employee detail.

< Need Basis >: Set Shift, Rosters and Project Area

<Daily>: Forwards Access data to Central Server online

<Daily>: Central server process and create attendance details

< Monthly>: Holiday, Leaves and Travel are processed.

< Need Basis >: General and Exception Reports

Product Versions

• LITE:

 Basic time integration with standard ERP systems

BASIC

- Company Details
- Department Details
- Employee Details
- Shift and Roster
- Attendance Feature
- Attendance Reports
- Single Role
- Single Site/Unit
- Up to 100 users

STANDARD :

- Basic Plus
- Role Management
- Leave Management
- Team Management
- Project Management
- Skill Management
- Work Area Productivity
- Feedback
- Bulletin
- Email Alerts
- Many more reports including Business Analytics
- Up to 500 users
- Full features for Single Site/Unit

ENTERPRISE:

- All Features
- Unlimited users
- Full features for large Enterprise Multiple Site/Units

Features List

	Features	Lite	Basic	Standard	Enterprise				
Company	School Profile	×	✓	✓	√				
1	Add/Edit/Delete Company/School	×	✓	✓	✓				
2	Add/Edit/Delete Unit	×	×	×	✓				
3	Add/Edit/Delete Department/Class	×	✓	✓					
	Add/Edit/Delete Holidays	×	~	✓	✓				
5	Add/Edit/Delete Skill	×	×	✓	✓				
Employee	e/Student Profile	×	>	✓	✓				
6	Add/Edit/Delete Employee	x ✓		✓	✓				
7	Manage Policies per Person	×	>	✓	✓				
8	Employee Skill	×	×	✓	✓				
9	Employee Personal Info	×	>	✓	✓				
10	Employee Details	×	>	✓	✓				
11	Employee Headcount	×	×	✓	✓				
12	Employee Attrition Report	×	×	✓	✓				
13	Card Maintenance	×	>	✓	✓				
	Management	×	~	✓	✓				
14	Add/Edit/Delete Access	×	~	✓	✓				
15	Add/Edit/Delete Role	×	~	✓	✓				
16	Assign Role	×	✓	✓	✓				

	Features	Lite	Basic	Standard	Enterprise
Project/Te	eam Management	×	×	✓	✓
17	Add/Edit/Delete Project	×	×	✓	✓
	Add/Edit/Delete Employee Project	×	×	✓	✓
	Project Allocation Report	×	×	✓	✓
20	Under Allocation Report	×	×	✓	✓
21	Attendance by Project	×	×	✓	✓
22	Project Team Attendance	×	×	✓	✓
23	Pjt-wise Monthly	×	×	✓	✓
24	Pjt-wise Monthly Hour	×	×	✓	✓
25	Pjt-wise Early Departure	×	×	✓	✓
26	Pjt-wise Late Arrival	×	×	✓	✓
27	Pjt-wise Leave Report	×	×	✓	✓
28	Pjt-wise Monthly Absence	×	×	✓	✓
29	Pjt-wise Consecutive Leave	×	×	✓	✓

	Features	Lite	Basic	Standard	Enterprise
Attendand	e Shift and Roster Management	×	✓	✓	√
30	Shift	×	✓	✓	✓
31	Employee Shift Request	×	>	✓	✓
32	Attendance Override	×	>	✓	✓
33	Employee Shift Approval	×	✓	✓	✓
34	Attendance Report	×	✓	✓	✓
35	Shift-wise Attendance	×	×	✓	✓
	anagement	×	×	✓	✓
36	Leave Approve	×	×	✓	✓
	Leave Request	×	×	✓	✓
38	Leave Types	×	×	✓	✓
39	Leave Cancellation By Manager	×	×	✓	✓
	Emp Leave Cancellation	×	×	✓	✓
41	Leave Request By Manager	×	×	✓	~
42	Leave Balance Report	×	×	✓	✓
43	Leave Report	×	×	✓	✓
	Leave Monthly Consumption	×	×	✓	✓
45	Encashable Leave Report	×	×	✓	✓
46	Emp Leave Report	×	×	✓	✓
47	Consecutive Leave	×	×	✓	✓

	Features	Lite	Basic	Standard	Enterprise
Time and	Attendance Process	✓	✓	✓	√
48	Scheduled Night Process	✓	✓	✓	✓
49	9 Scheduled Daily Attendance Report		✓	✓	✓
50	Holiday, Travel and Leaves Processing Management	×	✓	✓	✓
51	Export data to Payroll Systems	×	✓	✓	✓
	n with ERP systems	×	×	✓	✓
52	SAP Integration	×	×	✓	✓
53	Oracle Apps Integration	×	~	✓	~
	Any Other - Custom				
Integratio	n with multiple access control systems	~	✓	✓	✓
	RBH Integra Adapters	✓	✓	✓	✓
55	RBH Axiom Adapters	✓	✓	✓	✓
	Any Other - Custom				

	Features	Lite	Basic	Standard	Enterprise
Reports:	rack time-in and time-out of every personnel	✓	✓	✓	✓ ·
56	Attendance Summary	✓	~	✓	✓
57	Attendance Report	×	~	✓	✓
58	Monthly Report	×	>	✓	✓
59	Employee Monthly Hours	×	>	~	✓
60	Exception Report	×	>	>	✓
61	Employee Swipe Detail	×	>	~	✓
62	Attendance Override	×	>	>	✓
63	Early Departure	×	×	✓	✓
64	Late Arrival	×	×	>	✓
65	Daily Absent Report	×	×	✓	✓
66	Daily Present Report	×	×	>	✓
67	Department wise Absent	×	×	✓	✓
68	Department wise Present	×	×	×	✓
69	Department wise Work	×	×	✓	✓
70	Designation wise Absent	×	×	~	✓
71	Designation wise Present	×	×	✓	✓
72	Over Time Report	×	×	✓	✓
73	Under Time Report	×	×	✓	✓
74	Work Analysis Report	×	×	~	✓
75	Attendance Analysis	×	×	✓	✓
76	Shift-wise Attendance	×	×	>	✓
77	Monthly Absence	×	×	✓	✓
78	Attendance Status	×	×	✓	✓
79	Bus Route	×	×	✓	✓
80	Bus Route by Shift	×	×	>	✓

Standard Roles

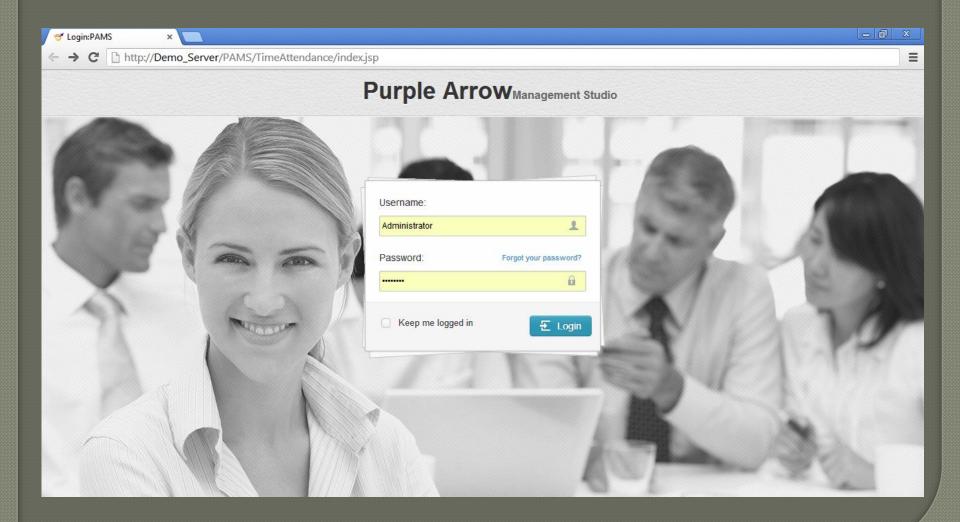
- Super User
- Administration
- Human Resource
- Manager
- Team Leader
- Employee
- Custom Roles can be defined



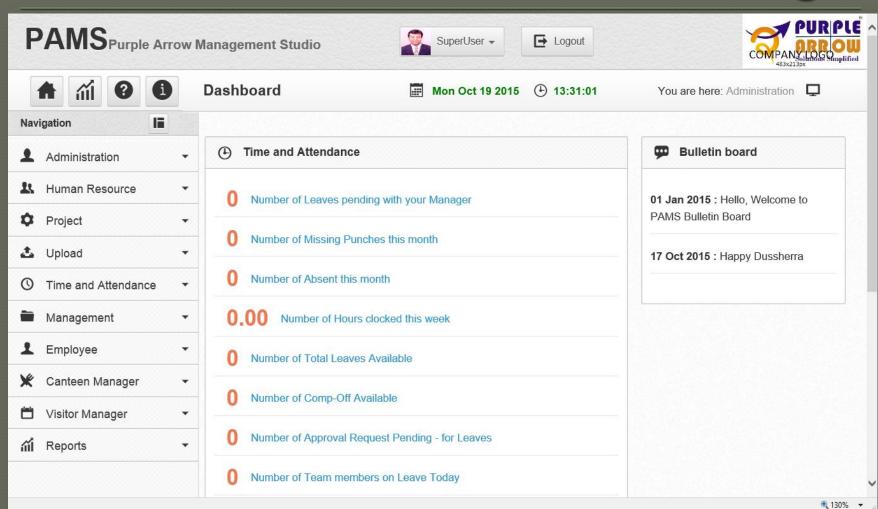
Email notifications

- Attendance: Connection to Access DB Failure- Data Push To Support
- Attendance: Access Data Commit Transaction To Support
- Attendance: Missing Punch To Self / Superior
- Attendance Override To Self / Superior
- Leave Request To Self/Approver
- Leave Approved To Requester
- Leave Notification for 15 plus days To Dept Head
- Leave Cancellation To Self / Superior
- Leave Approval Escalation To Approver/Super Approver/Dept.
 Head
- Auto report can be configured for 3 Consecutive leaves to designated email/folder.
- Auto report can be configured for Attendance report to designated email/folder.
- Auto report can be configured for Exception report to designated email/folder.

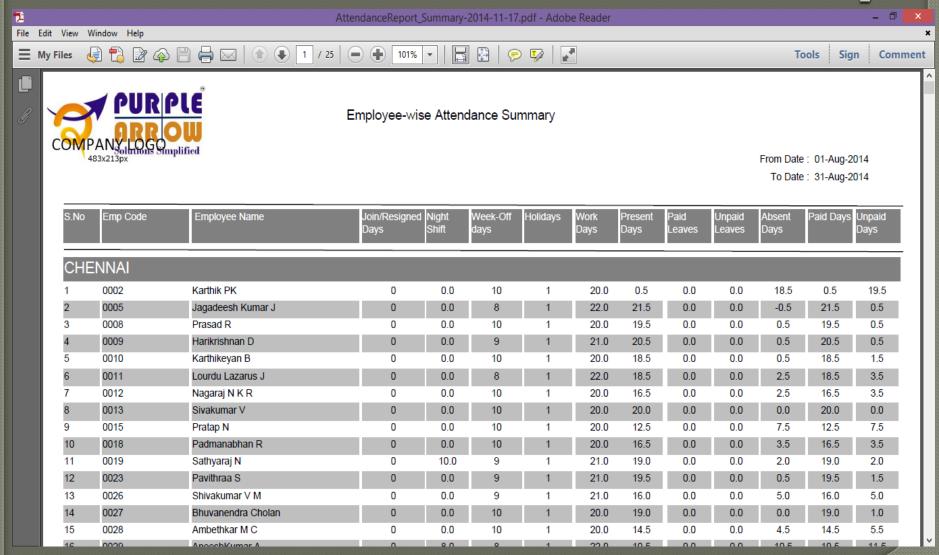
Login Screen



Home Page



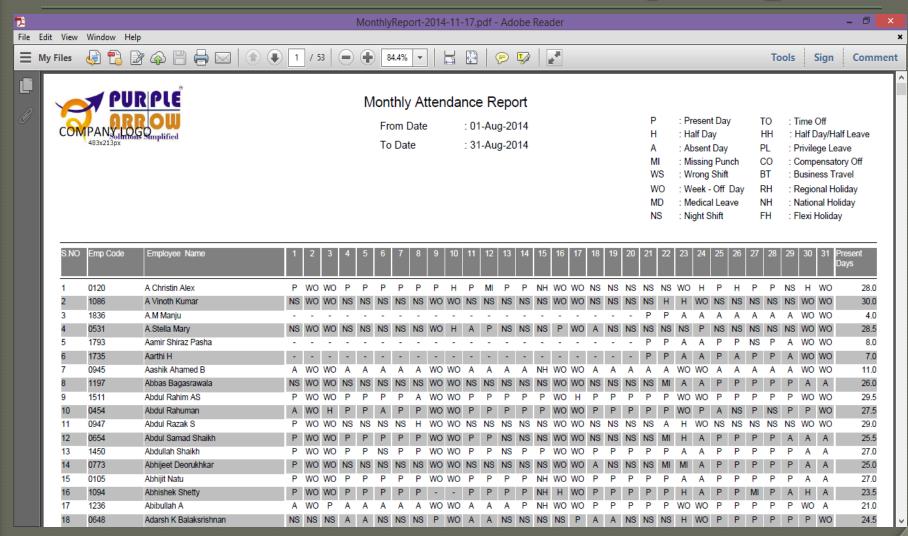
Attendance Summary



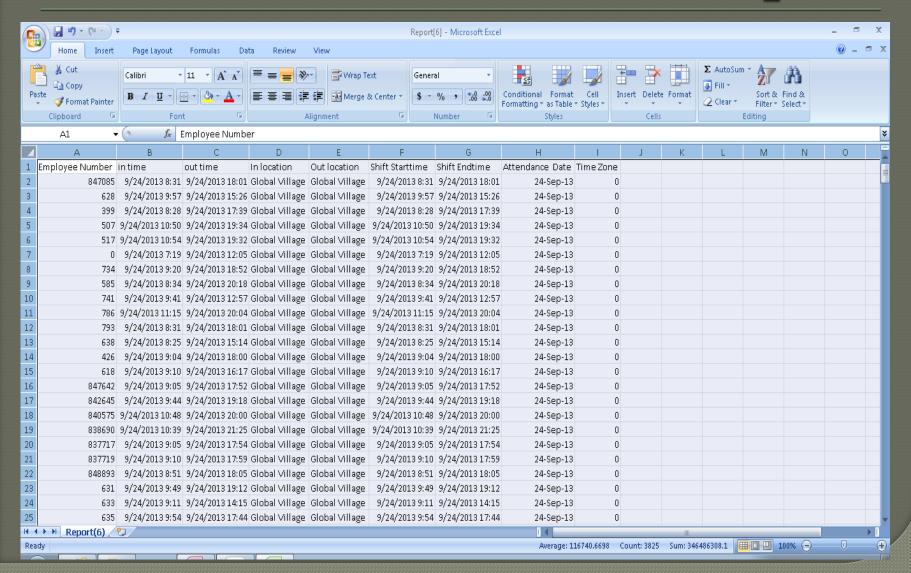
Muster Roll Report

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2																																<u> </u>			
	SNo	EmpCode	Employee	CategoryName	DepName	_	eb-16	'22-Fe	b-16		eb-16		eb-16	_	eb-16	_	eb-16		eb-16		Feb-16	_			r-16					'4-Ma		'5-Ma	ır-16	'6-Ma	ır-1
4						Sun		Mon		Tue		Wed		Thu		Fri		Sat		Sun		Mon	_	Tue		Wed		Thu		Fri		Sat		Sun	
5							S2		S2		S2		S2	S1	S2			S1		S1	S2	S1								S1	S2				S2
6			Sathyanarayan Raju	Staff	Stores	wo			P	Р	P	P	Р	P	Р	P	Α	Р	P	wo	wo	MI	MI	CL	CL	CL	CL	P	P	P	P	P	Α		W
7		100016	Bylappa T	Staff	Packing	_	wo		P	MI	MI	P	P	P	P	P	P	Р	P	wo		Α	P	Α	Р	Α	P	Α	-	Α			Α		W
8		100017	Sridhar B.s.	Staff	Prodn Tablets		WO	•	P	P	P	P	P	P	P	P	P	P	P	WO	wo	P	P	P	P	P	A	CL	CL	P -			P		W
9		100019	Krishnappa .	Staff	Prodn Tablets	wo			A	P	P	P	P	P	P	P	P	P	P	WO		P	A	P	P	P	P	P	P	P	P		P		w
10		100020	Devaraj K	Staff	Packing	P	P	P	P	P	P	A	A	P	P	P	Р	MI	MI	WO	wo	P	P	P	P	P	P	P	P	P	_		P		w
11		100028	Chowdaiah B	Operator	Prodn Tablets	_	WO	P	P -	P	P	P	P	P	P	MI	MI	P	P	WO		P	P	P	P -	P	P	P -	P	P -	P		A		W
12		100033	Chennappan M	Operator	Prodn Tablets		WO	P	P -	P	P	P	P	P	P	P	P	P	P	WO	wo	P	P	P	P	P	P	P	Р -	P -	P _		P		W
13		100038	Thilakan VV	Staff	Stores	_	WO	•	P	co	CO	P	P	P	P	P	P	P	P	WO		P	P	P	P	MI	MI	P	P .	P -	P _		P		W
14		100041	Shivaram K.b.	Operator	Prodn Tablets	_	WO		Α	P	P	P	P	A	P	P	P	A	A	WO	wo	P	P	P	P	A	A	Α .	P	Р _	P _		P		W
15		100042	Chandrashekar K.	Staff	Packing	_	WO		P -	P	Р	P	P	P	P	P	P	P	P	Р	P	P	P	P	P	MI	MI	P	P				P		W
16		1 '100043	Thimmaraju R	Operator	Prodn Tablets		WO		P -	MI	MI	P	P -	CL	CL	P	P	P	P	WO	wo	P	P	P	P	P	P	Α	P			-	A		W
17		2 '100051	Panduranga G	Operator	Prodn Tablets	WO			P	P	P	P	P	P	P	P	P	P	P	WO		P	Α	PL	PL	PL	PL	PL	PL	PL	PL	_	PL		W
18		100052	Narayanappa .	Operator	Prodn Tablets	wo		-	P -	P	P	P	P	P	P	P	P	MI	MI	wo		P	P	P	P	P	P	P	P	P -	P		MI		W
19		100053	Nagaraj B	Operator	Prodn Tablets	wo	_		P	P	P	P	P	P	P	P	P	P	P	WO		P	P	P	P	P	P	P		P		-	P		W
20		100054	Srinivasa Rao	Staff	TAG	wo			CL	P	P	A	P	P	P	P	P	P	P	WO	wo	P	P	P	P	P	P	P	P	P			CL		W
21		100055	Sridhar S	Staff	Manufacturing	-	wo	A	P -	A	P	P	Α	A	P	A	P	A	P	WO	wo	A	P	A	P	A	P	A	P	Α .	P -		P		W
22		100058	Ravichandrababu .	Operator	Prodn Tablets		WO	P	P -	P	P	PL	PL	PL	PL	P	P	P	P	WO	-	P	P	P	P	CL	CL	Α	P	P -	P -	-	Α		W
23		100067	Shankar V	Operator	Prodn Tablets		WO		P -	MI	MI	MI	MI	P	P	P	P	P	P	WO	wo	P	P	P	P	P	P	Α .	P	P -		-	A		W
24		100073	Gangadhar H	Operator	Prodn Tablets		WO	P	P -	P	P	P	P -	P	P	P	P	P	P	WO	wo	P	P	P	P	P -	P	P -	P	Р			P		W
25		100074	Lakshmirangaiah .	Operator	Prodn Tablets	wo	_		P	P	P	P	۲	P	P	4	P	A	A	WO	wo	P	P	P	P	b,	P.	۲		CL	-		P		w
26		1 '100075	Anil Kumar Rai	Operator	Prodn Tablets	_	WO	A	۲ -	MI	MI	P	۲	P	P	4	P	CL	CL	WO		P	P	P	P	CL	CL	۲	P	P			MI		w
27		100078	Anil Kumar MN	Staff	Packing		WO	•	P	P	P	P	۲	P	P	P	P	MI	MI	WO	wo	P	P	P	A	A	A	۲	4			-	P		W
28		100117	Ravi Kumar	Staff	Stores	P	P	-	P	A	P	A	۲	A	P	A	P	A	P	WO		P	P	P	P	۲	۲	۲.	P	•				wo	
29		100138	Shivarudraiah	Staff	Stores		W0	P	۲ -	P	P	P	۲	A	A	۲	P	P	P	WO			P	A	P	A	۲	A					P		W
30		100151	Arulsamy A	Staff	Stores	_	WO	^	P	P	P	P	P	P	P	P	A	A	P	IP IP	A	A	P	A	P	A	P	A	P	MI			P		W
31		100153	Nanje Gowda V.k.	Operator	Stores	_	W0	A	P	A	P	A	P	A	P	A	P	A	P	WO	WO	P	P	P	P	P	P	P	P	P			P		W
32		100157	Ramakrishna B	Operator	Prodn Tablets		W0	-	P	P	P	P	P	P	P	P	P	CL	CL	WO	wo	P	P	MI	MI	P	P	P D	P			-	P		W
33		100162	Lepaksha J.h	Operator	Prodn Tablets		W0	P	P -	P	P	P	P	P	P	P	P	P	P	WO	wo	P	P	P	P	P	P	P	P				MI		W
34		100163	Harish K.y.	Operator	Packing	wo		P	۲	P	P	P	P	P	P	۲	P	P	P	WO		P	P	P	۲	۲	۲	۲				-	P		W
35			Prakash R	Operator	Prodn Tablets	WO	wo	P	P	Р	Р	Р	P	MI	MI	Р	P	PL	PL	wo	wo	PL	PL	Р	P	P	P	۲	P	P	P	PL	PL		W
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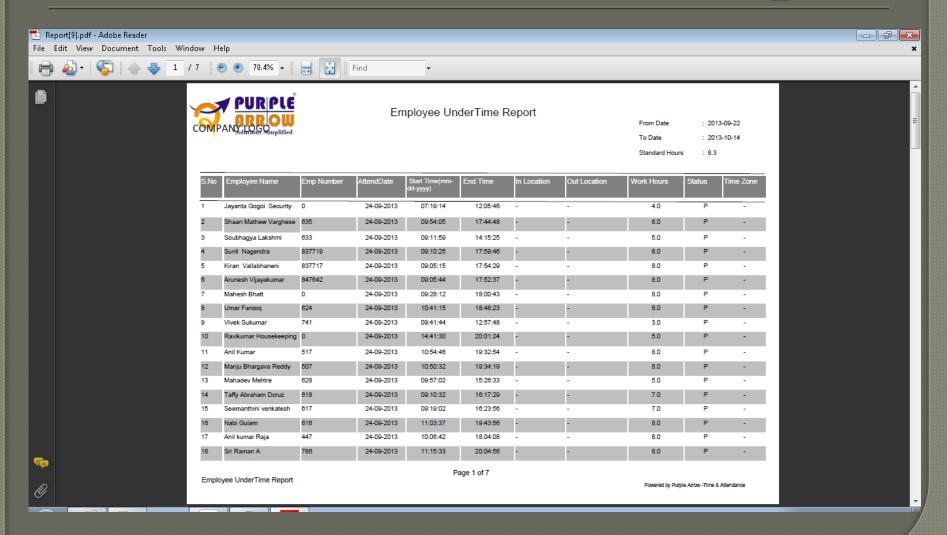
Monthly Report



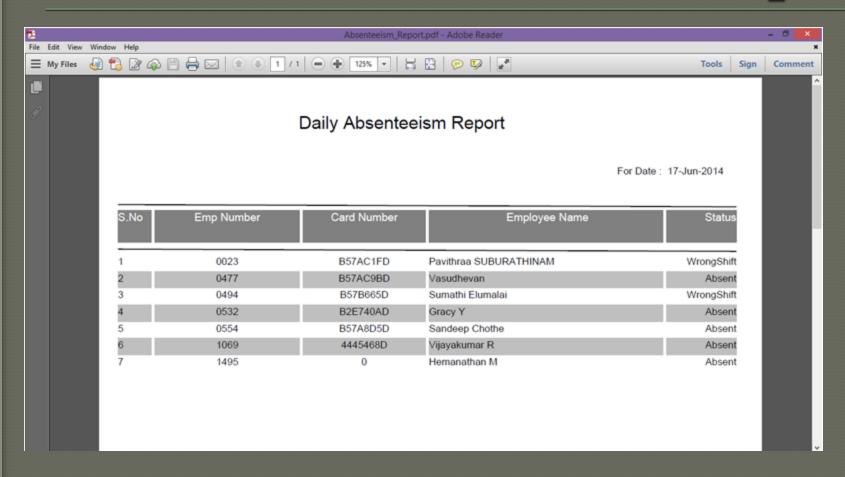
Attendance Report



Under Time Report



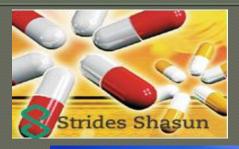
ABSENT Report



OUR PRODUCTS INSTALLED AT

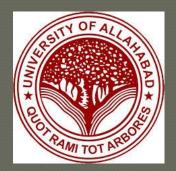


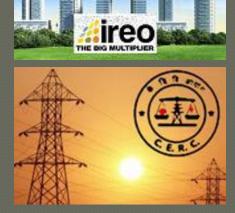




















Other Products available:-

- Hawk Video Management Solution
- PA Visitor Manager
- PA Canteen Management
- Hotel/Hospital/Home Automation
 - PA Controller
 - PA Android Apps

For demo contact:-

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