

· Introduction

1.1 Project Summary :

Project Title: Workaholic

Project description:

Employee Management System is a system in which the manager and the head of the company can keep the record of all the employee and manage the task. In addition to it every department head can assign different task to the employee of their respective department and have a watch on their works. The Employee can see the task assigned to them and even apply for the leave to the respective department heads.

1.2 Project Technical Profile :

Front End: php and Andriod(JAVA)

PHP: Hypertext Preprocessor (php) is a technology that allows software developer to create dynamically generated web pages, in HTML, XML, or other document types as per client request. PHP is a open source software

Andriod (JAVA): Android provides a rich framework that allows you to build innovative apps and in a Java language environment.

Back End: MySQL

MySQL: MySQL is a database, widely used for accessing querying, updating and managing data in database.

Software Requirement:

- Wamp Server.
- Andriod Studio.

[Type text]

Scope & Planning

2.1 Requirement Analysis:

Requirement analysis is very important of the system designing, it is to predict the feature requirement based on the previous experiences of user aptitude.

As we know in any corporate office, the manager has to spare lot of time even after the normal office hours either at home or office for preparation of daily/ weekly report and other necessary record. There was an need for the system with the help of which the manager can have all the information on their finger tips and easily prepare a record based on their requirements apart from the weekly/daily report. The second major requirement which arose because of which the new system was most needed was that the manager have to maintain different systems for maintain different types of data.

In this new system the manager can maintain the records as well as maintain the regular attendance of the employee and also assign their weekly task and easily have the record of the task and the work of the employee .This will reduce the maintains charge of the systems for the institute and also lessen down the load of the managers to maintain different systems for different type of information.

2.2 Feasibility Study:

All programs are feasible, provided that unlimited resource and infinite time available. However in real world that can be just dream. Especially computer system is likely to be bounded by limited resources as well as time. Feasibility and risk is related in many ways. If the risk is great then feasibility of producing quality software reduces. During system engineering on three primary areas of interest.

- **Technical Feasibility :**

- Our work of project can be done with Codeignitor platform and phpmyadmin as back end tool. The windows 2008 professional OS is used.
- So technically the development system is feasible.
- There is no extra finance needed for developing project.

- **Operational Feasibility :**

- The new project is beneficial only if it satisfies the organization requirement in such a way that resource utilization & optimum outcome is justified. A new system should not only be rebuts but should be also able to work simultaneously with other system. Operational feasible means that new system should not affected any existing system during the development phase or even in the implementation phase.

- **Management Feasibility :**

- Management feasibility is not under the basic feasibility of the system, but it arises as an aspect of management views. At all levels of management, revise all related basic feasibilities and know they require need of that all after that all manager gives their decision for all those feasibility to use or not.

- **Time Feasibility:**

- Time feasibility describes the time cost for converting the present system to the new system. As an aspect of time feasibility, our system takes 3 months for completion. This system is developed under the time period of just three months so we can say that this system is time feasible.

2.5 Technology Details :

2.5.1 Hardware requirement :

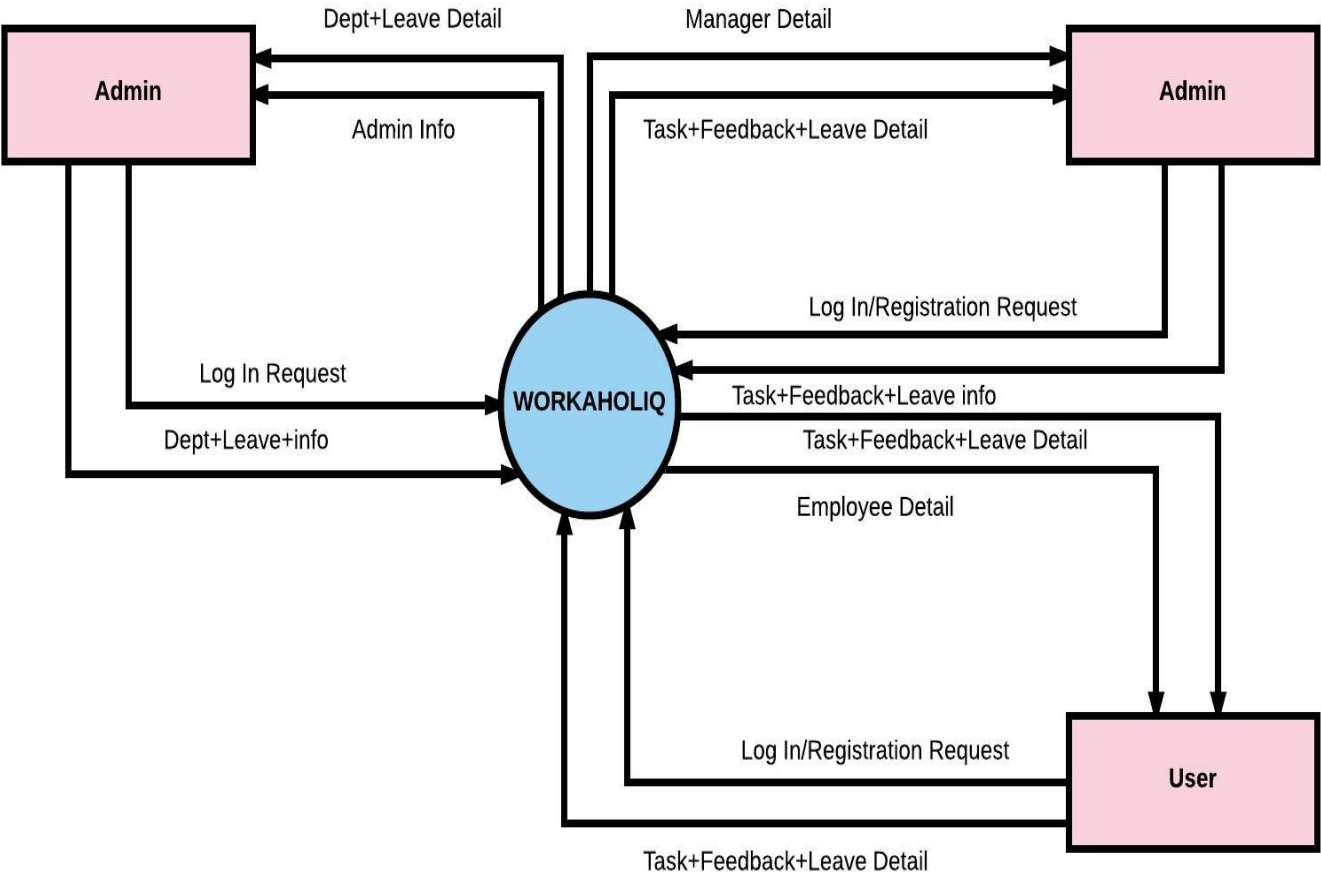
- **Processor** : Intel i3/ Intel graphics card
- **Hard disk** : At least 2 GB
- **Installed Memory (RAM)** : 4 gb RAM

2.5.2 Software requirement :

- **Operating System** : Windows7
- **Tools**: CodeIgnitor & Andriod studio
- **Languages** : PHP & Andriod
- **Front- End** : PHP & Andriod (JAVA)
- **Back- End** : phpmyadmin
- **Application Server** : WampServer Version
- **Browser Support** : Google Chrome

· Data design

3.1 Data Flow Diagram:



- Context level Diagram

3.4 Database Design :

Login			
Field_name	Data_type	Attributes	Description
Id	int(11)	primary key	id default
Username	varchar(15)	not null	Username
Password	varchar(20)	not null	pwd of admin

Department			
Field_name	Data_type	Attributes	Description
dept_id	int(11)	primary key	id default
Dept_name	varchar(20)	not null	name of the department

managers_information			
Field_name	Data_type	Attributes	Description
man_id	int(11)	primary key	id default
Man_name	varchar(30)	not null	name of the manager
dept_id	int(11)	foreign key	id of the department to which the manager is from
Password	varchar(30)	not null	pwd of the manager
Gender	Text	not null	gender of the manager
contact_no	Text	not null	Contact number of the manager
Email	Text	not null	Email id of the manager
Image	varchar(30)	not null	passport size image of the manager

employee_information			
Field_name	Data_type	Attributes	Description
emp_id	int(11)	primary key	id default
Emp_name	varchar(30)	not null	name of the employee
dept_id	int(11)	foreign key	id of the department to which the employee is from
Password	varchar(30)	not null	pwd of the employee
Gender	Text	not null	gender of the employee
contact_no	Text	not null	Contact number of the employee

Email	Text	not null	Email id of the employee
Image	varchar(30)	not null	passport size image of the employee
Dob	Date	not null	date of birth of employee
Salary	int(11)	not null	salary of employee
qualification	varchar(30)	not null	qualification of employee
experience	int(11)	not null	experience of the employee
Age	int(11)	not null	age of the employee
Address	Text	not null	address of the employee

Task			
Field_name	Data_type	Attributes	Description
task_id	int(11)	primary key	id default
dept_id	int(11)	foreign key	id of the department to which the employee and the task is assigned
emp_id	int(11)	foreign key	id of the employee is applying to whom the task is assigned
Task_name	varchar(30)	not null	name of the task
task_date	Date	not null	date of the task
task_des	Text	not null	all type of description of the task
comp_date	Date	not null	last date on which the task is to be finished
Status	int(11)	not null	holds the status of the task

Employee_leave			
Field_name	Data_type	Attributes	Description
leave_id	int(11)	primary key	id default
dept_id	int(11)	foreign key	the department to which the employee belongs
Emp_name	varchar(30)	not null	name of the employee
Detail	Text	not null	detail for which the leave is needed
leave_from	Date	not null	the date from which the leave will start
leave_to	Date	not null	the date till which the leave will be there
Status	varchar(30)	not null	weather the leave is accepted or not

Manager_leave			
Field_name	Data_type	Attributes	Description
Id	int(11)	primary key	id default
dept_id	int(11)	foreign key	the department to which the manager belongs
Man_name	varchar(30)	not null	name of the manager
Detail	text	not null	detail for which the leave is needed
leave_from	date	not null	the date from which the leave will start

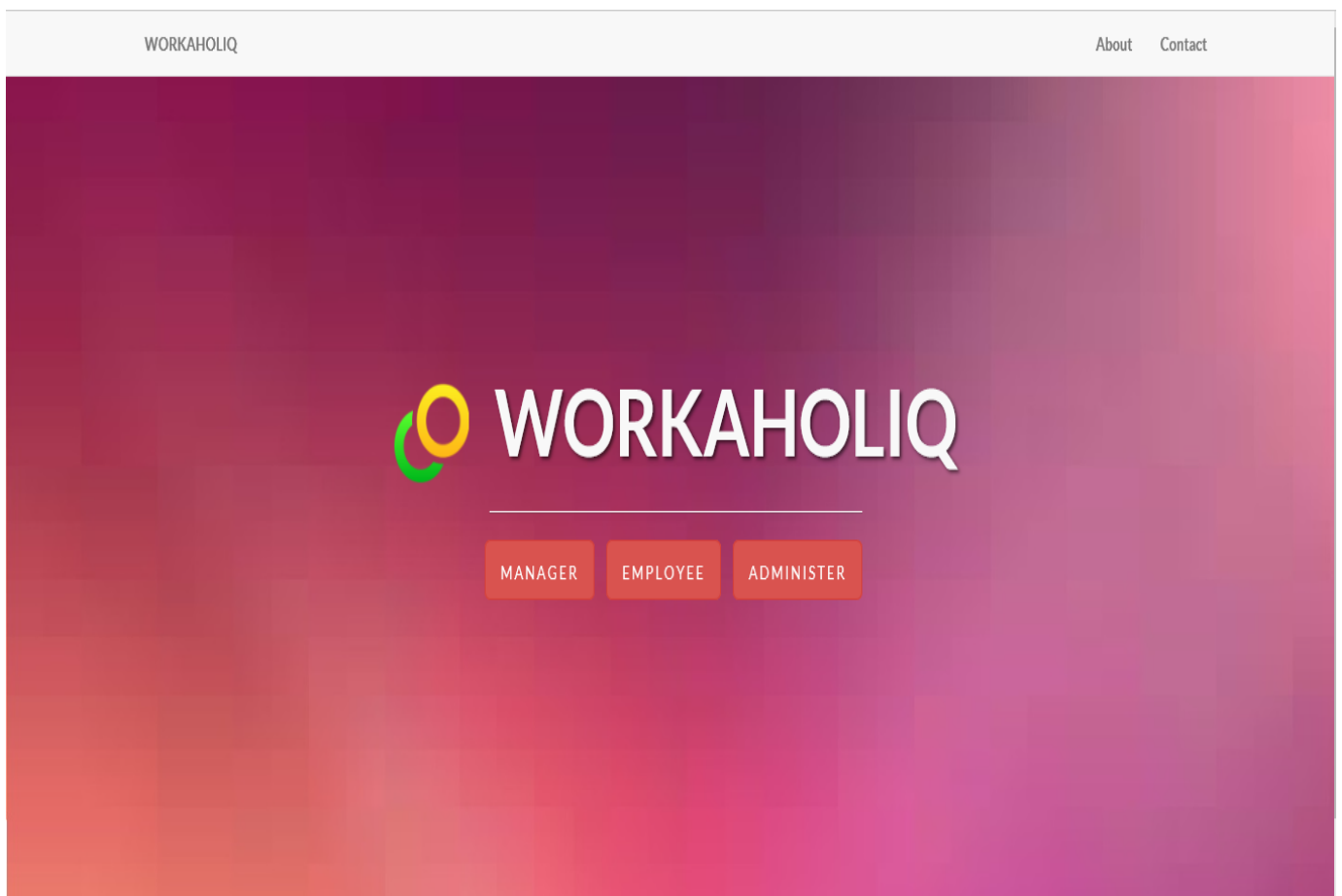
[Type text]

leave_to	date	not null	the date till which the leave will be there
Status	varchar(30)	not null	weather the leave is accepted or not

<u>Feedback</u>			
Field_name	Data_type	Attributes	Description
F_id	Int(11)	Primary key	id default
Dept_id	int(11)	Foreign key	Have the dept_id of the employee
Emp_name	Varchar(30)	Not null	Have the name of the employee
Task_name	Varchar(30)	Not null	Have the name of the task
Comment	Text	Not null	Comment on the task
status	Text	Not null	Status on the task

3.5 User Interface

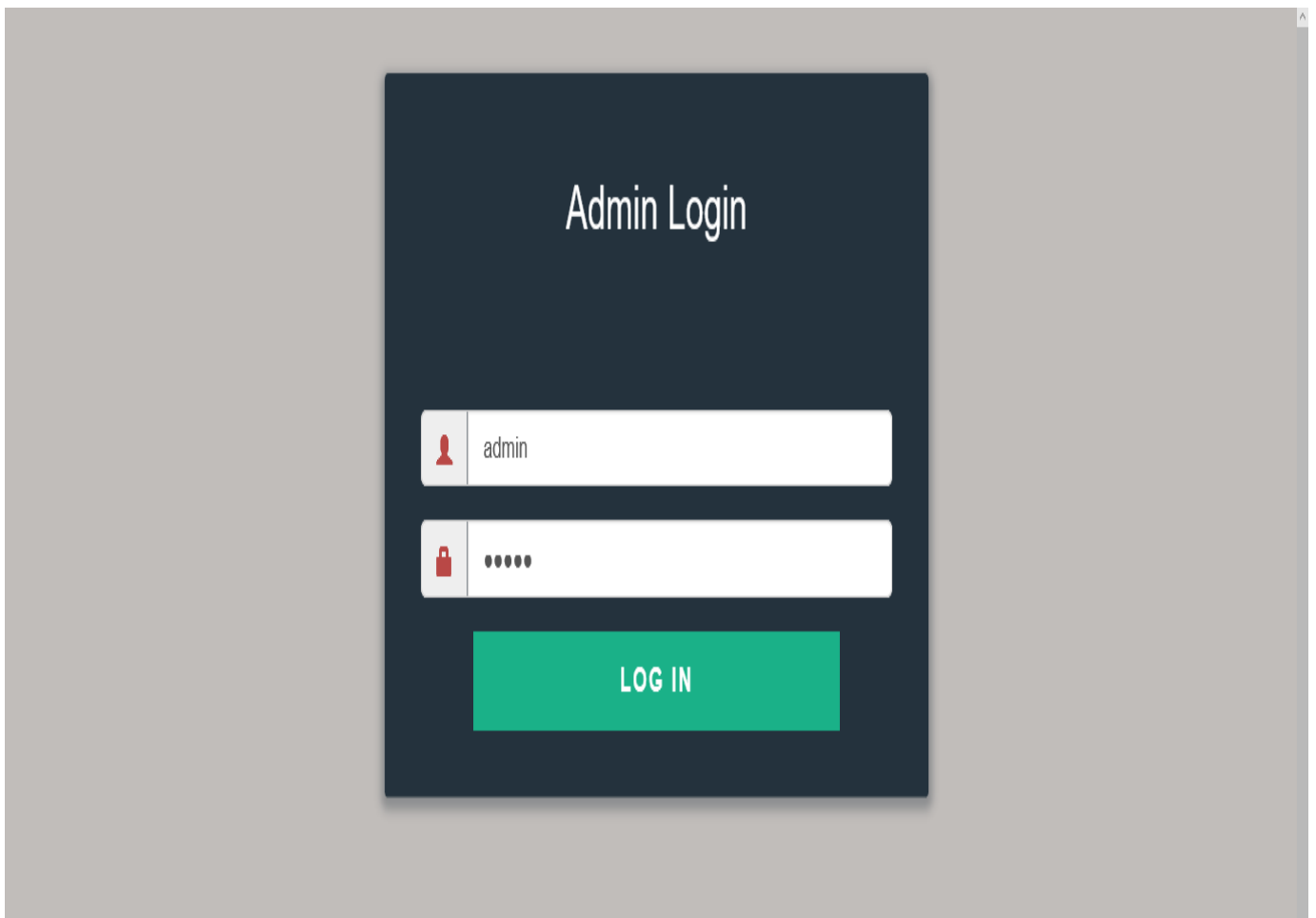
- Landing Page



This page lets the user decide that which page is for him that is whether he is an administrator, employee or manager, and once he chose his/ her post it redirects it to its respective login pages.

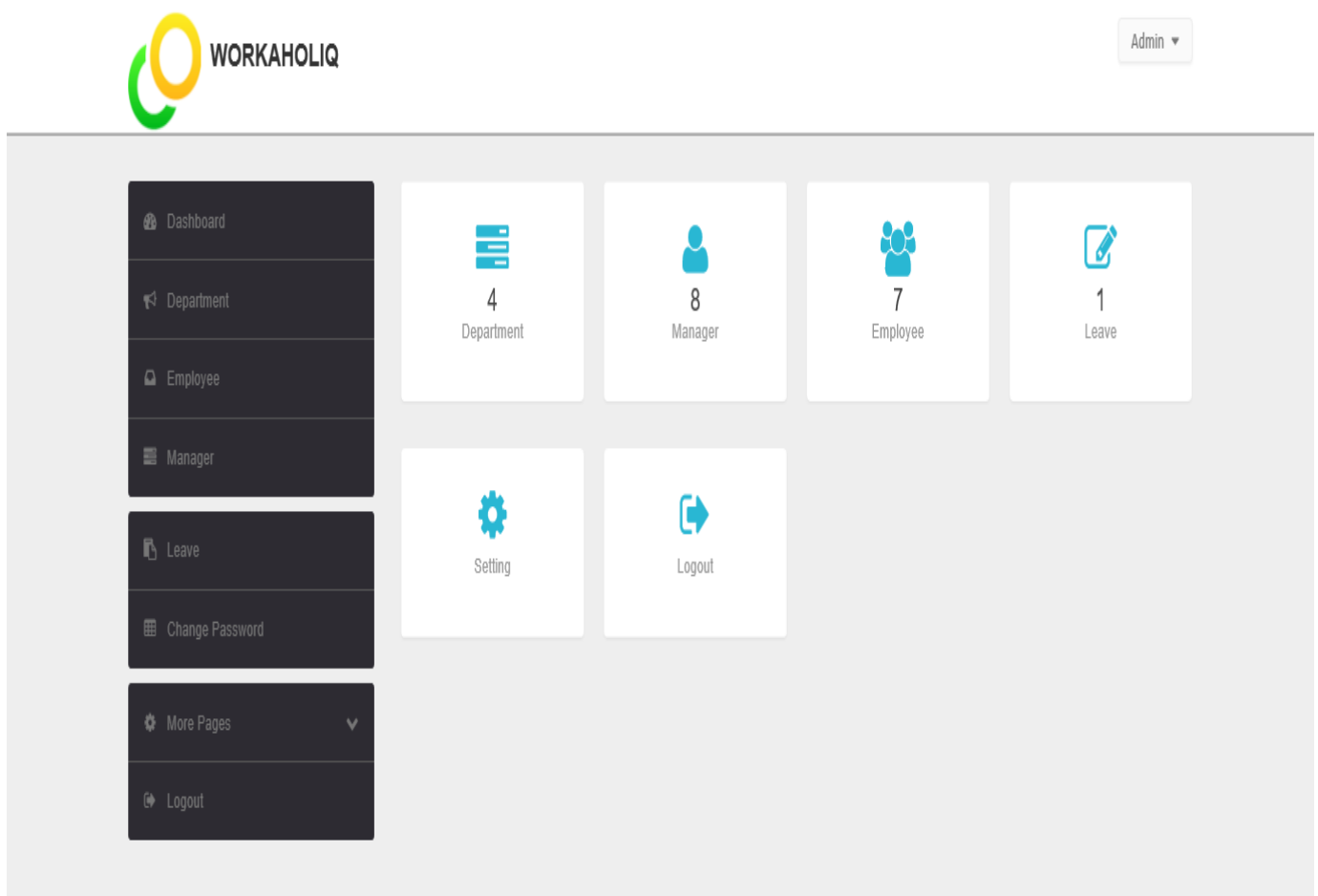
- **Web Pages of Admin:**

Login Page



This page asks the administrator for the username and password and if correct then redirects it the next page.

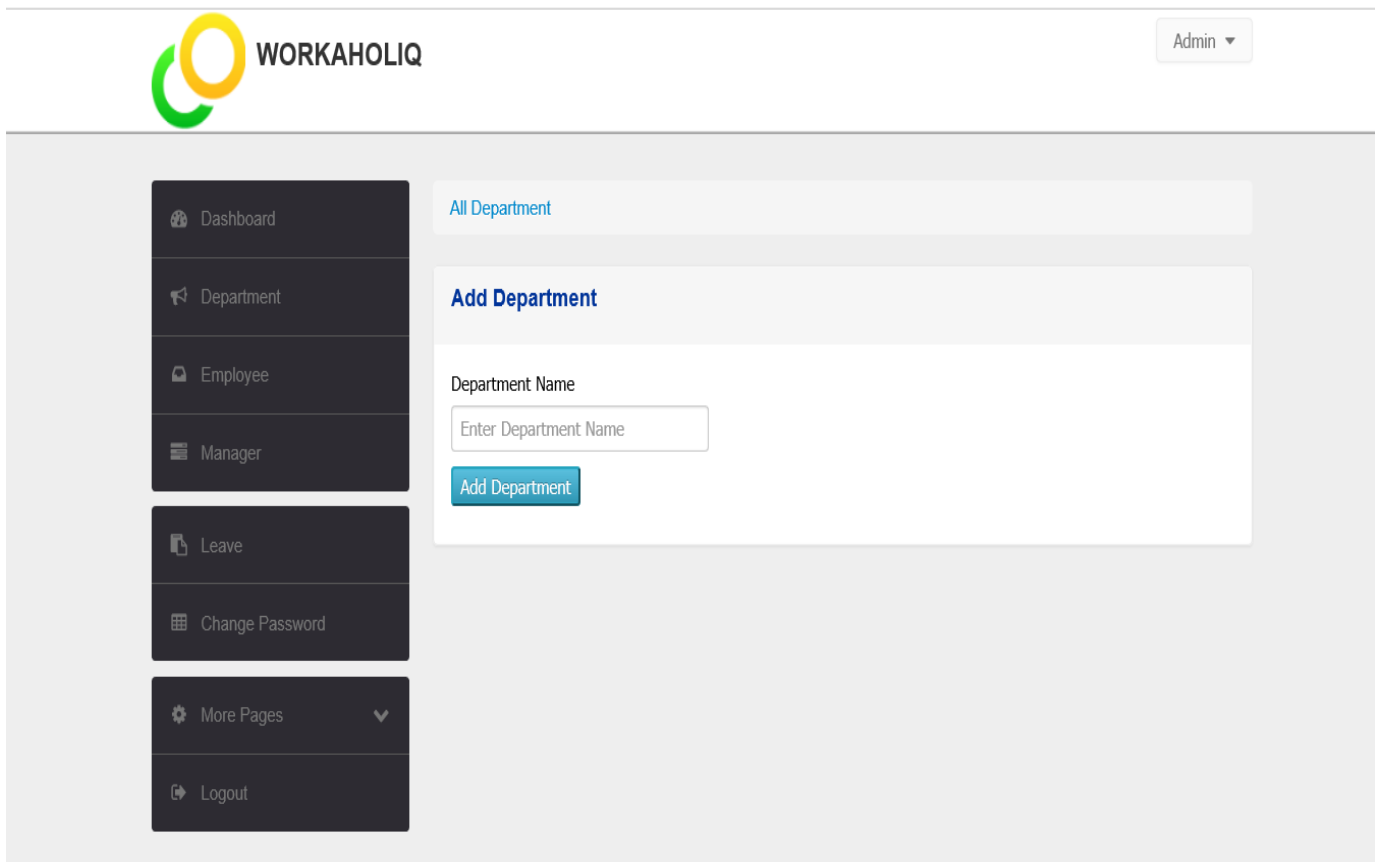
Dashboard



This is the dashboard of the administrator and allows the administrator to go to the desired page just with a click.

[Type text]

Add department



WORKAHOLIQ Admin ▾

Dashboard
Department
Employee
Manager
Leave
Change Password
More Pages ▾
Logout

All Department

Add Department

Department Name

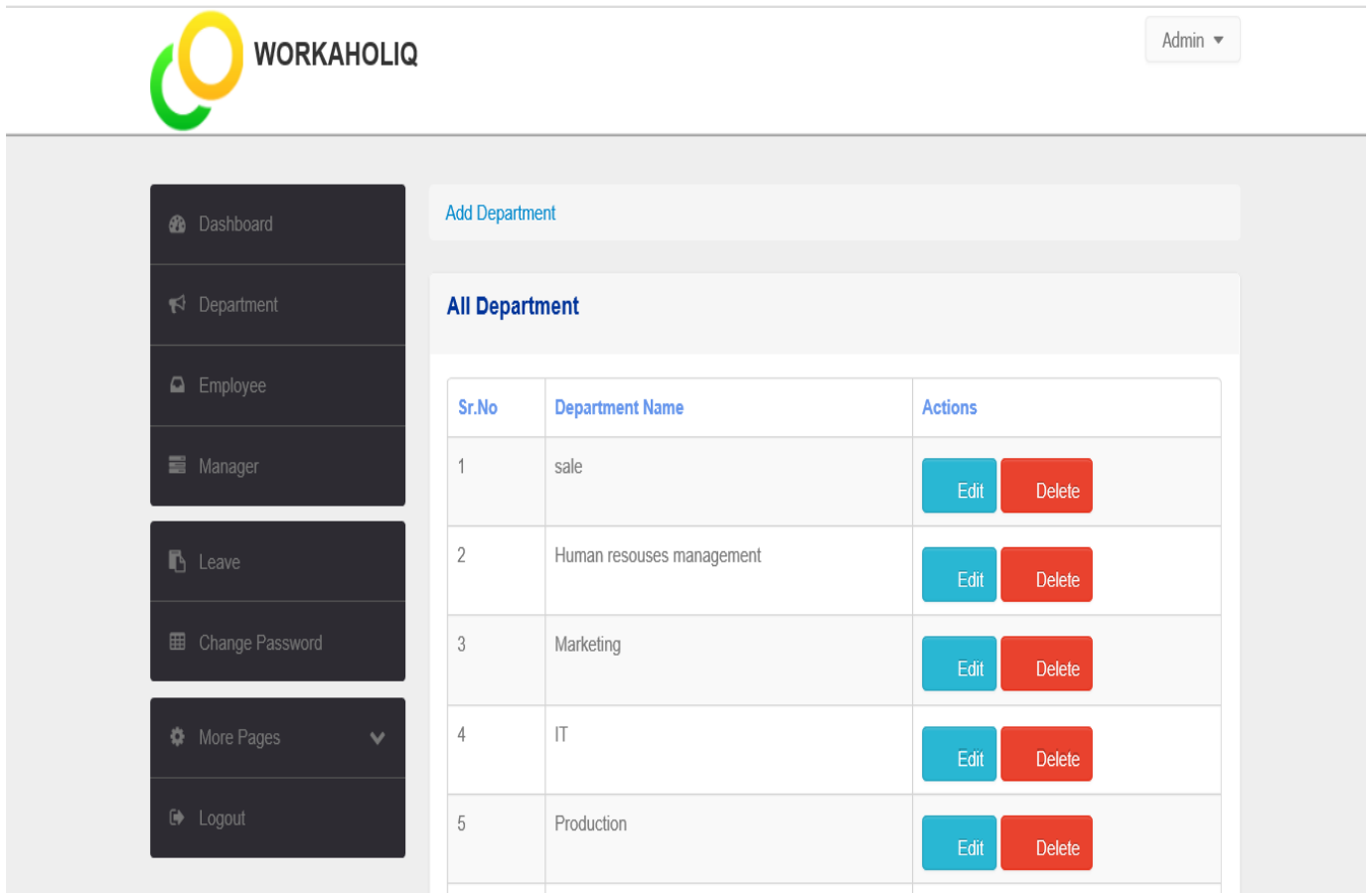
Enter Department Name

Add Department

This page lets the administrator add a new department to the system, and even view the entire department also.

[Type text]

View all departments



WORKAHOLIQ Admin ▾

[Add Department](#)

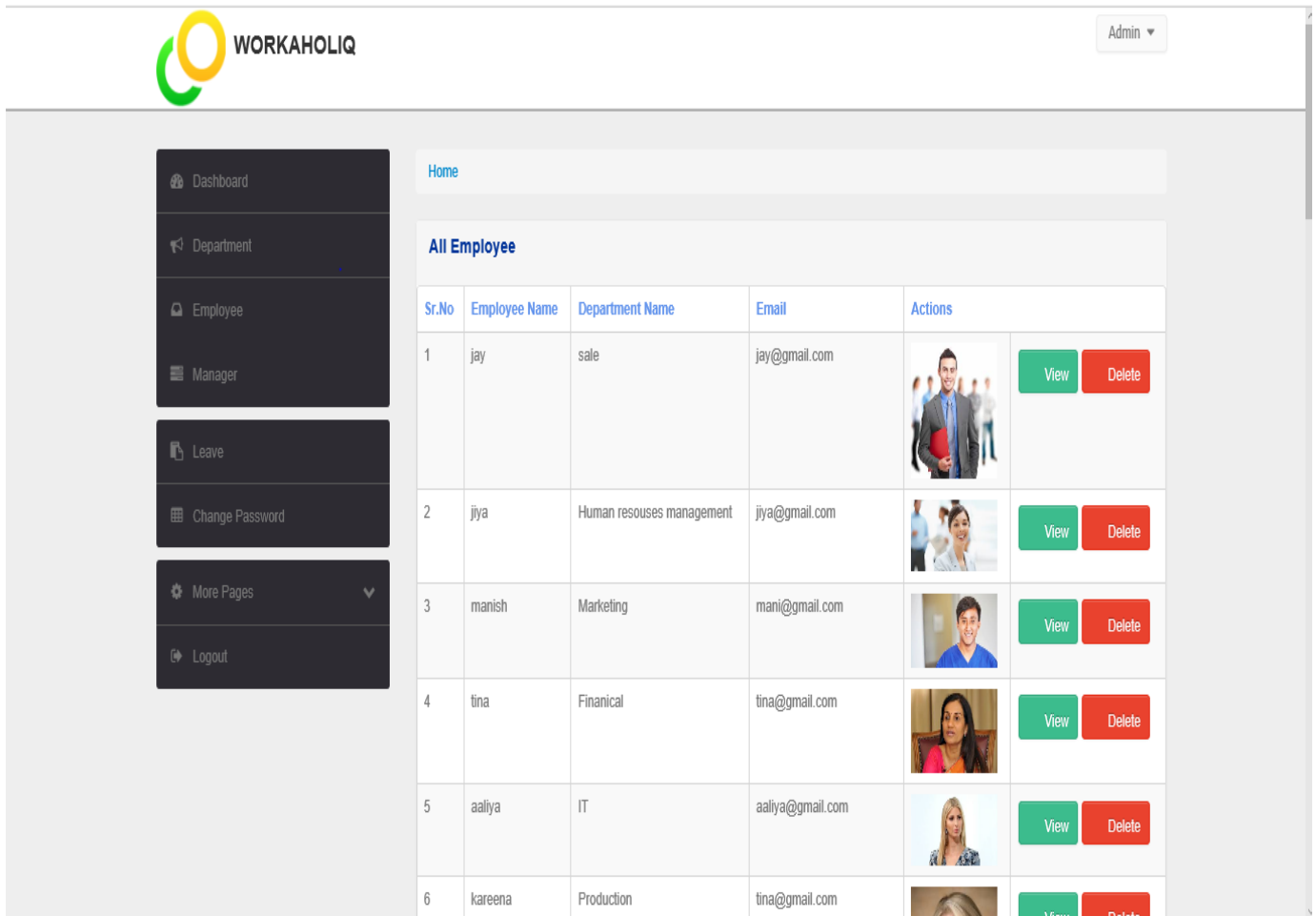
All Department

Sr.No	Department Name	Actions
1	sale	Edit Delete
2	Human resouses management	Edit Delete
3	Marketing	Edit Delete
4	IT	Edit Delete
5	Production	Edit Delete







This page gives a view of the department to the admin and also allows the admin to perform actions such as select and edit to the admin.

[Type text]

View all Departments




The screenshot displays the WORKAHOLIQ dashboard interface. On the left is a dark sidebar with navigation links: Dashboard, Department, Employee, Manager, Leave, Change Password, More Pages (with a dropdown arrow), and Logout. The main content area has a light gray header with the WORKAHOLIQ logo and an 'Admin' dropdown. Below the header, there's a 'Home' link and a section titled 'All Employee'. This section contains a table with 6 columns: Sr.No, Employee Name, Department Name, Email, and Actions. The table lists 6 employees with their respective details and 'View' and 'Delete' buttons in the Actions column.

Sr.No	Employee Name	Department Name	Email	Actions
1	jay	sale	jay@gmail.com	 View Delete
2	jiya	Human resouses management	jiya@gmail.com	 View Delete
3	manish	Marketing	mani@gmail.com	 View Delete
4	tina	Finanical	tina@gmail.com	 View Delete
5	aaliya	IT	aaliya@gmail.com	 View Delete
6	kareena	Production	tina@gmail.com	 View Delete

By the help of this page the admin can see the detail of all the manager and even delete it.

[Type text]

Admin ▾

Dashboard

Department

Employee

Manager

Leave

Change Password

More Pages ▾

Logout

Home

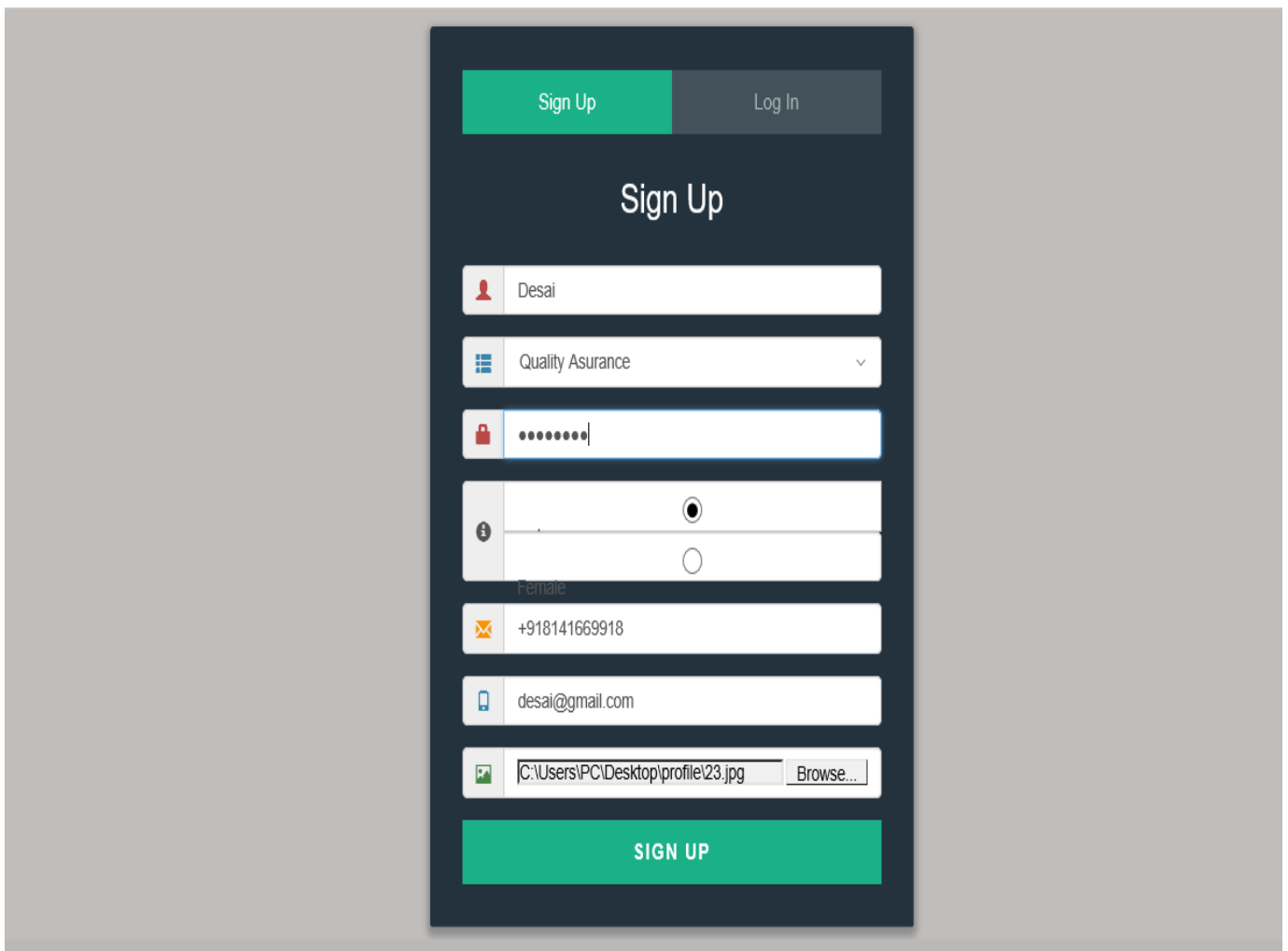
Change your Password Admin

Change Password

On this page the administrator can change the password.

- **Web Pages of Manager :**

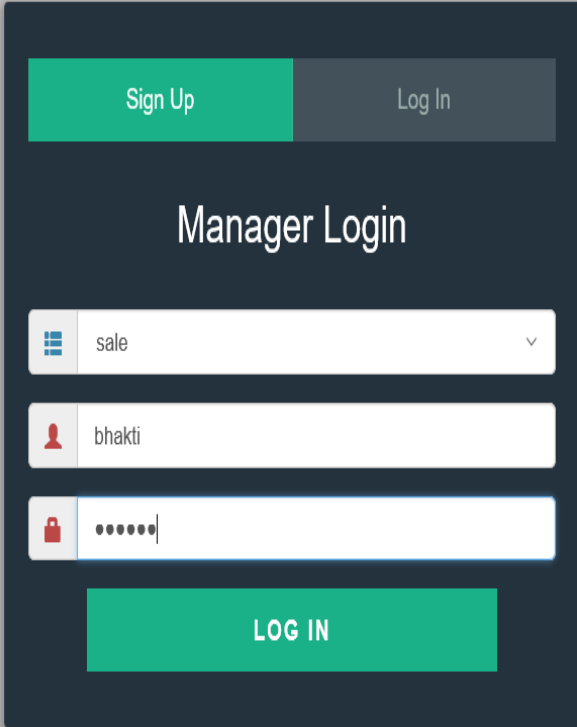
Sign Up page of manager



The image shows a mobile application interface for a 'Sign Up' page. At the top, there are two buttons: 'Sign Up' (green) and 'Log In' (grey). Below these is the title 'Sign Up'. The form consists of several input fields: a name field with 'Desai', a dropdown menu for 'Quality Assurance', a password field with masked characters, a gender selection with radio buttons (the 'Female' option is selected), a phone number field with '+918141669918', an email field with 'desai@gmail.com', and a profile picture field showing a local file path 'C:\Users\PC\Desktop\profile\23.jpg' with a 'Browse...' button. At the bottom is a large green 'SIGN UP' button.

This page provides a sign up form for the new employee and let him use the system.

Log In page of manager

A screenshot of a 'Manager Login' form. The form is dark-themed with white text and input fields. At the top, there are two buttons: 'Sign Up' (green) and 'Log In' (grey). Below these is the title 'Manager Login'. The form contains three input fields: a department dropdown menu with 'sale' selected, a username field with 'bhakti', and a password field with masked characters. A large green 'LOG IN' button is at the bottom.

Sign Up Log In

Manager Login

sale

bhakti

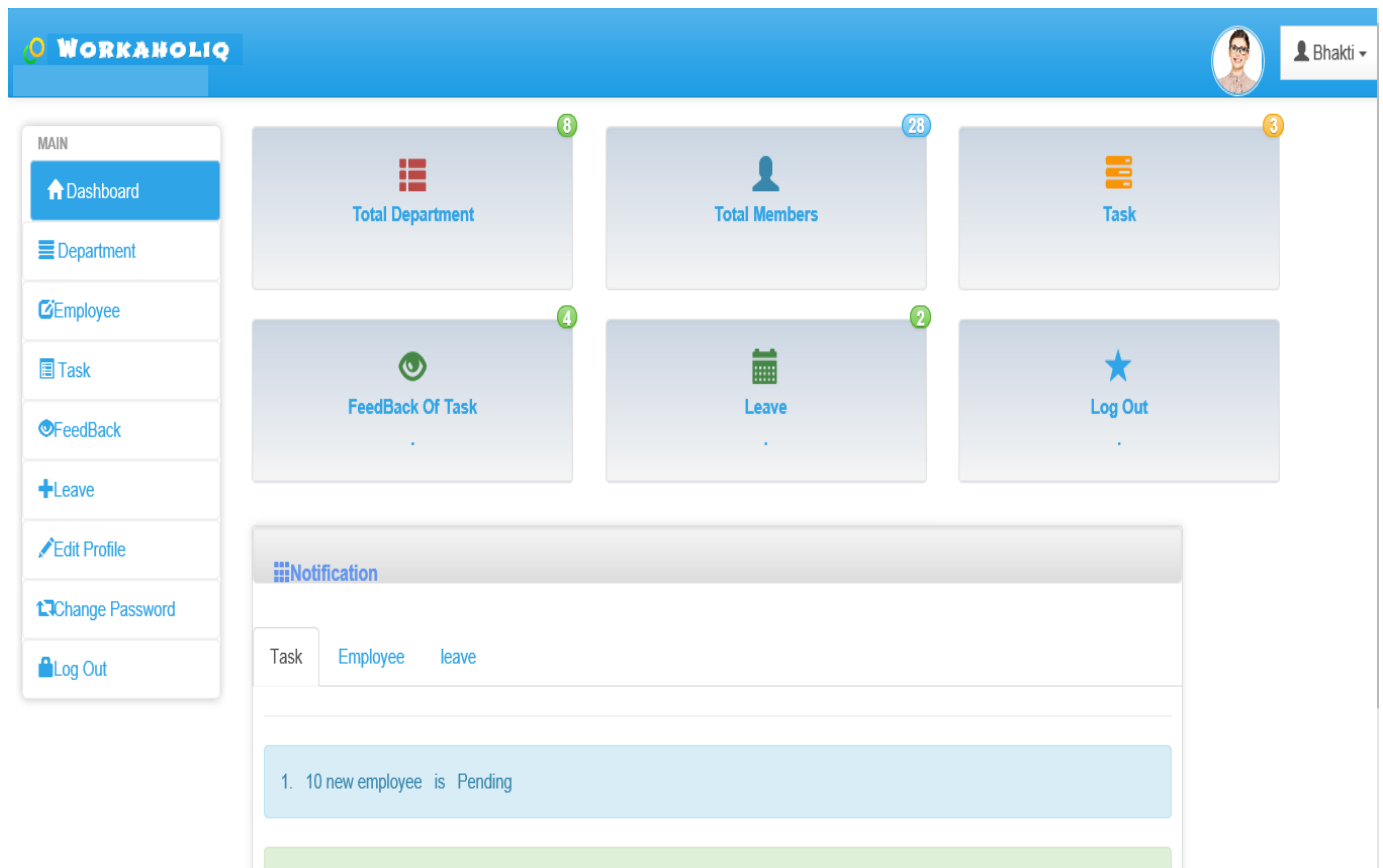
.....

LOG IN

This page asks for the department, username and password from the manager and checks it if it is correct it redirect it to the dashboard.

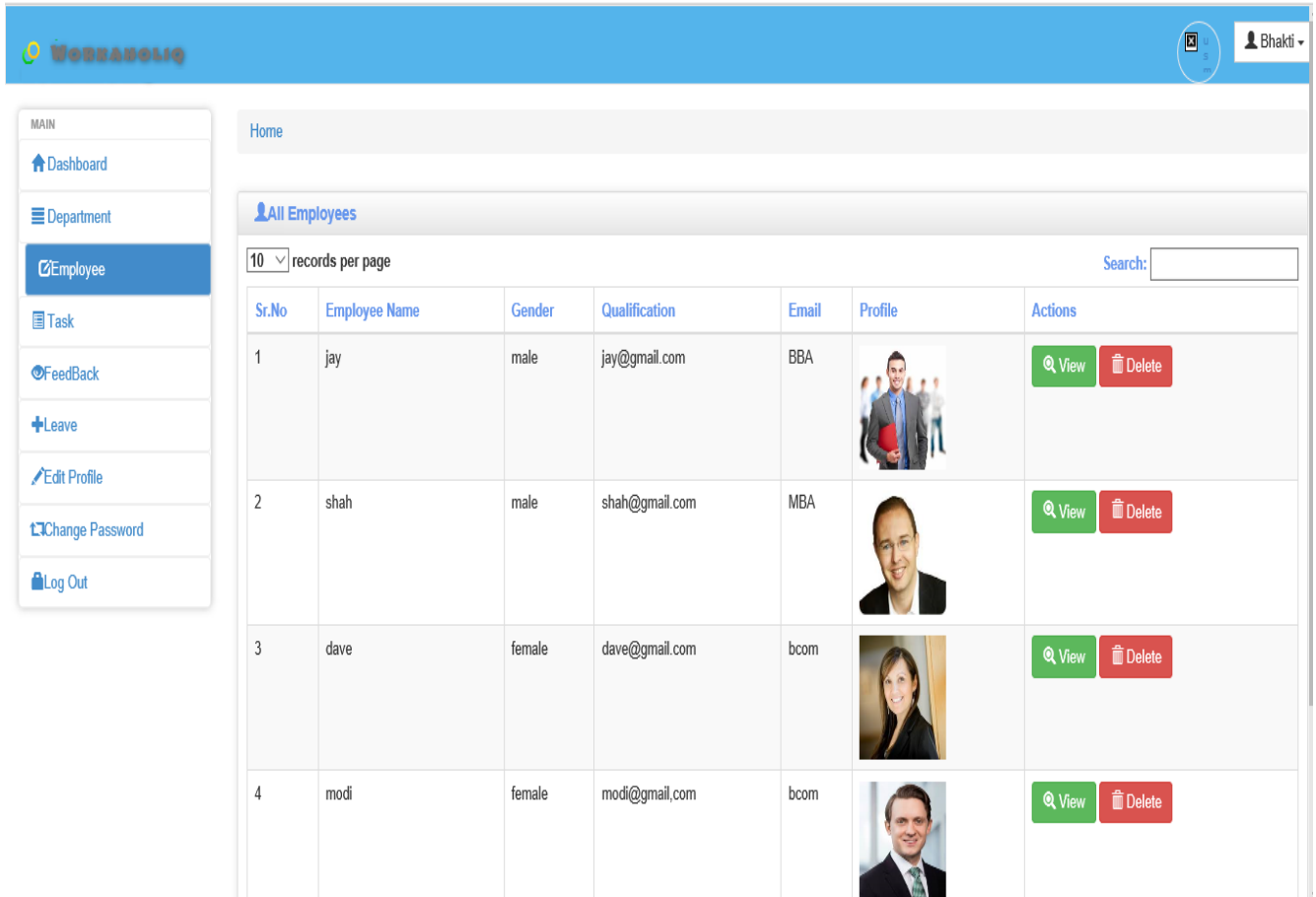
[Type text]

Dashboard







This is the dashboard of the administrator and allows the manager to go to the desired page just with a click.

View all employees

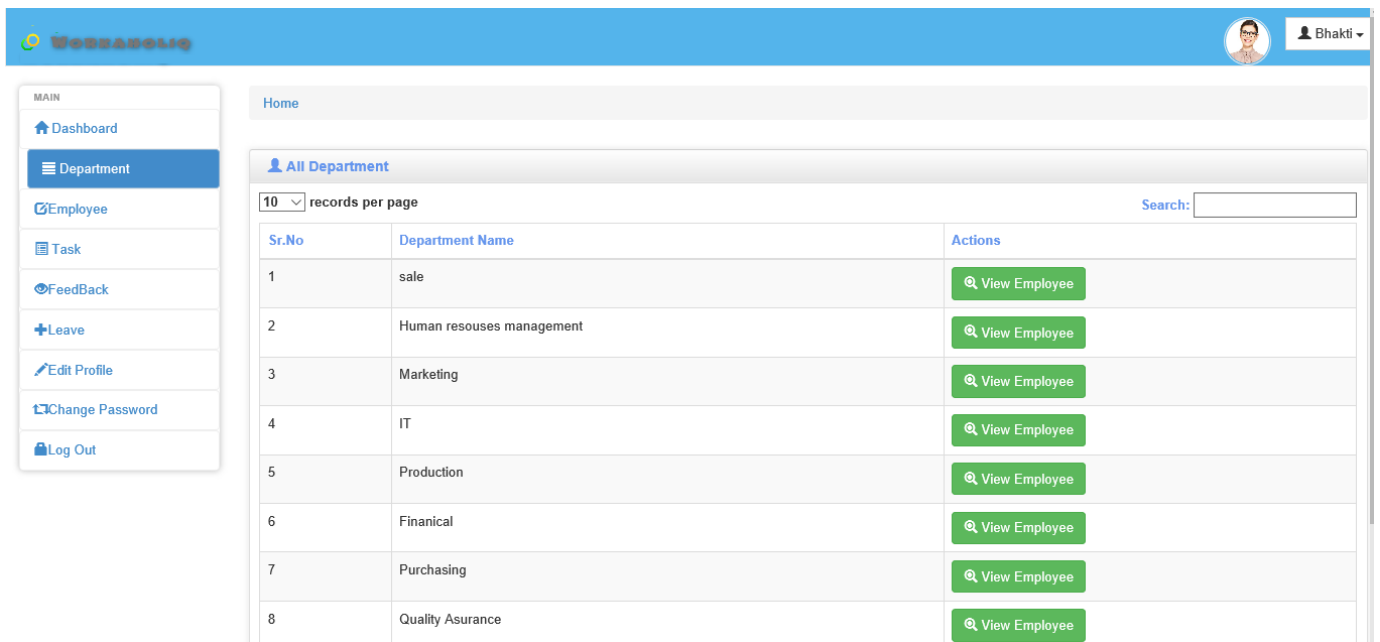


The screenshot displays the 'View all employees' page in the WORKAHOLIQ system. The page features a blue header with the WORKAHOLIQ logo and a user profile dropdown for 'Bhakti'. A left sidebar contains navigation links: Dashboard, Department, Employee (selected), Task, FeedBack, Leave, Edit Profile, Change Password, and Log Out. The main content area shows a table of employees with the following data:

Sr.No	Employee Name	Gender	Qualification	Email	Profile	Actions
1	jay	male	jay@gmail.com	BBA		View Delete
2	shah	male	shah@gmail.com	MBA		View Delete
3	dave	female	dave@gmail.com	bcom		View Delete
4	modi	female	modi@gmail.com	bcom		View Delete

This page views the entire employees to the manager and from this page the manager can even delete the employee.


Department View




Sr.No	Department Name	Actions
1	sale	View Employee
2	Human resouces management	View Employee
3	Marketing	View Employee
4	IT	View Employee
5	Production	View Employee
6	Finanical	View Employee
7	Purchasing	View Employee
8	Quality Asurance	View Employee

In this page all the departments are made visible to the manager.

Task Assigning



 Bhakti ▾

MAIN

[Dashboard](#)

[Department](#)

[Employee](#)

[Task](#)

[FeedBack](#)

[+Leave](#)

[Edit Profile](#)

[Change Password](#)

[Log Out](#)

[Home](#) / [View Task](#)

New Task

Task Name

10 new employee

Manager Name

bhakti

Employee Name

jay ▾

Task Date

01/03/2017

Task Description

For more production

Completion Date



2017-04-01

Submit

By the help of this page the manager can assign an task to the employee of their departments only.

[Type text]

View of task

  Bhakti

[Home](#) / [Task Add](#)

All Task

10 records per page Search:

Sr.No	Task Name	Employee Name	Task Date	Complitation Date	Task Description	status	Actions
1	Art project due	jiya	2017-04-08	2017-04-28	for IT department	Started	View Edit Delete
2	Prepare raw matrial bills	jiya	2017-04-09	2017-04-10	for IT departmentsfghjkdcdvb	Started	View Edit Delete
3	Pack for half break	shah	2017-04-28	2017-04-29	for IT department	Done	View Edit Delete
4	10 new employee	jay	01/03/2017	2017-04-01	For more production	Pending	View Edit Delete

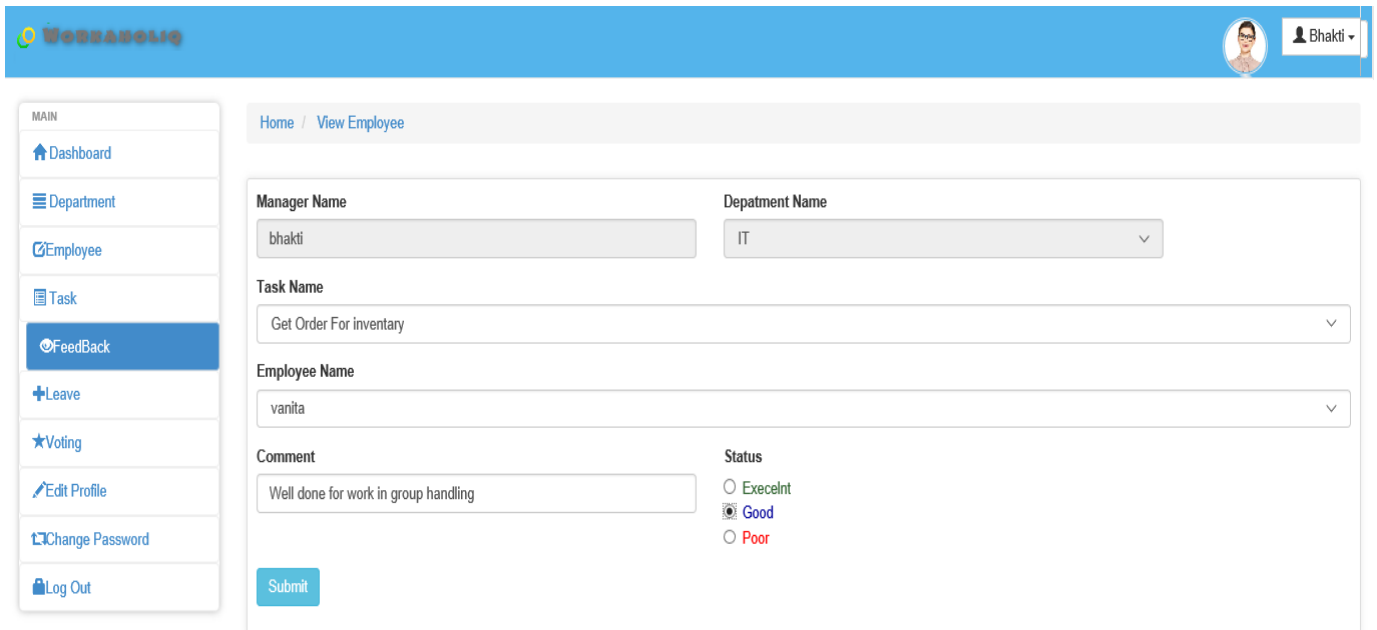
Showing 1 to 4 of 4 entries

[← Previous](#) [1](#) [Next →](#)

By the help of this page the status of the task assigned to the employees can be known and the manager can even edit, delete and view it.

[Type text]

Feedback to a task

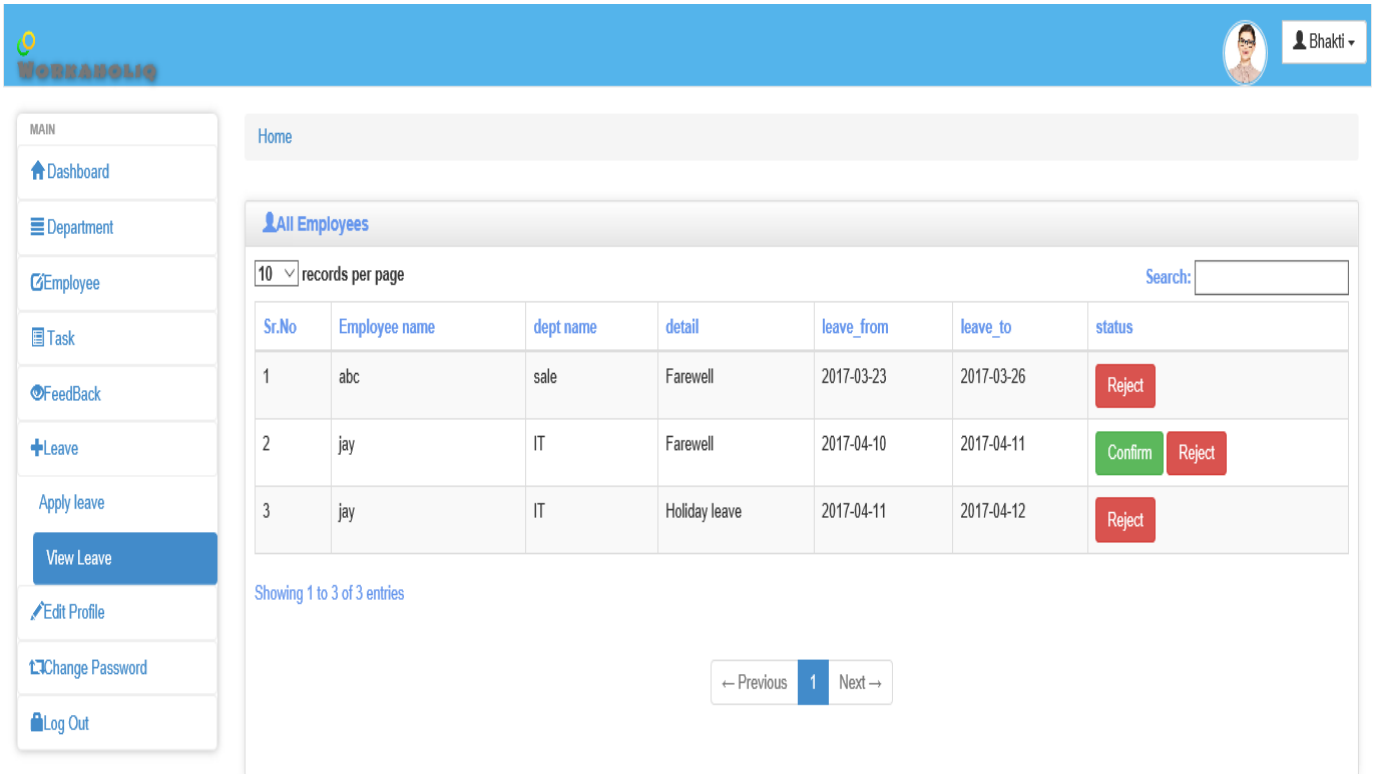


The screenshot shows the WORKAHOLIQ interface. At the top is a blue header with the logo and a user profile for 'Bhakti'. On the left is a sidebar menu with options: Dashboard, Department, Employee, Task, **FeedBack** (highlighted), Leave, Voting, Edit Profile, Change Password, and Log Out. The main content area has a breadcrumb 'Home / View Employee' and a form titled 'Feedback to a task'. The form contains the following fields:

- Manager Name:** A text input field containing 'bhakti'.
- Department Name:** A dropdown menu with 'IT' selected.
- Task Name:** A dropdown menu with 'Get Order For inventory' selected.
- Employee Name:** A dropdown menu with 'vanita' selected.
- Comment:** A text input field containing 'Well done for work in group handling'.
- Status:** Three radio button options: 'Excelint' (unselected), 'Good' (selected), and 'Poor' (unselected).
- Submit:** A blue button at the bottom left of the form.

Here the manager will be able to add the feedback to the task that was previously assigned to the employee.

Leave view



Home

All Employees

10 records per page Search:

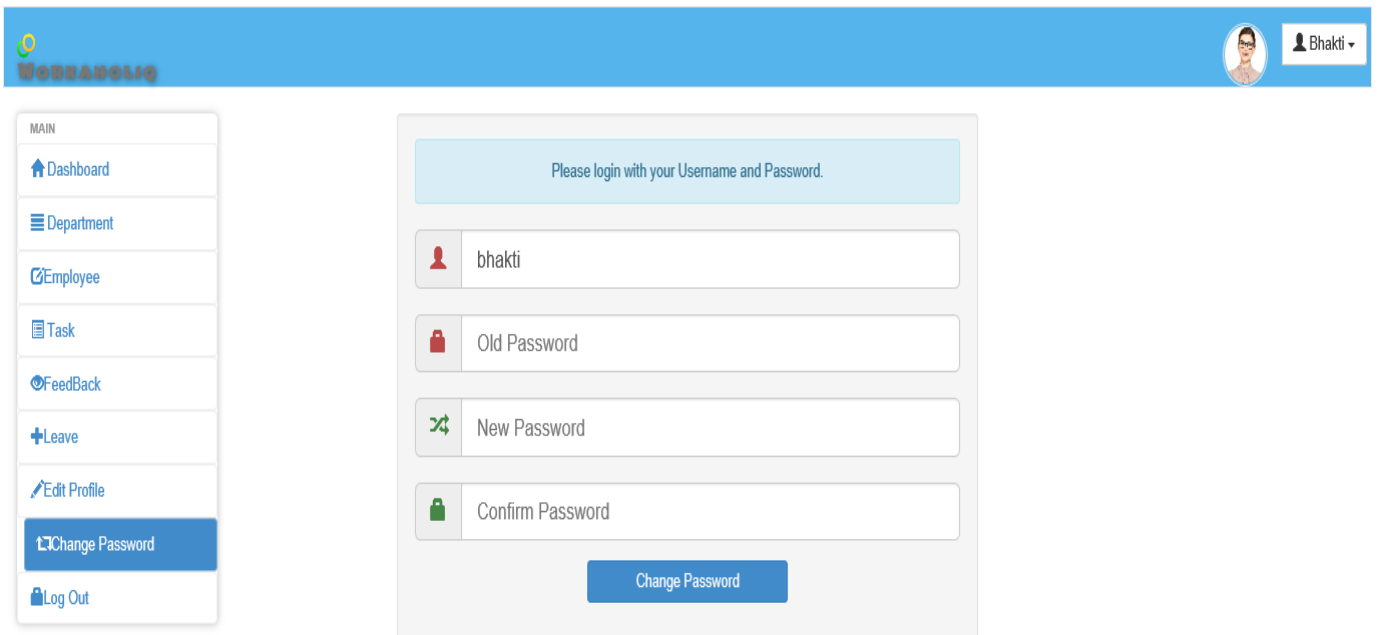
Sr.No	Employee name	dept name	detail	leave_from	leave_to	status
1	abc	sale	Farewell	2017-03-23	2017-03-26	<button>Reject</button>
2	jay	IT	Farewell	2017-04-10	2017-04-11	<button>Confirm</button> <button>Reject</button>
3	jay	IT	Holiday leave	2017-04-11	2017-04-12	<button>Reject</button>

Showing 1 to 3 of 3 entries

← Previous 1 Next →

It views of all the employee leave send by the employee to the manager and allows them to perform actions such as confirming the leave and rejecting the same

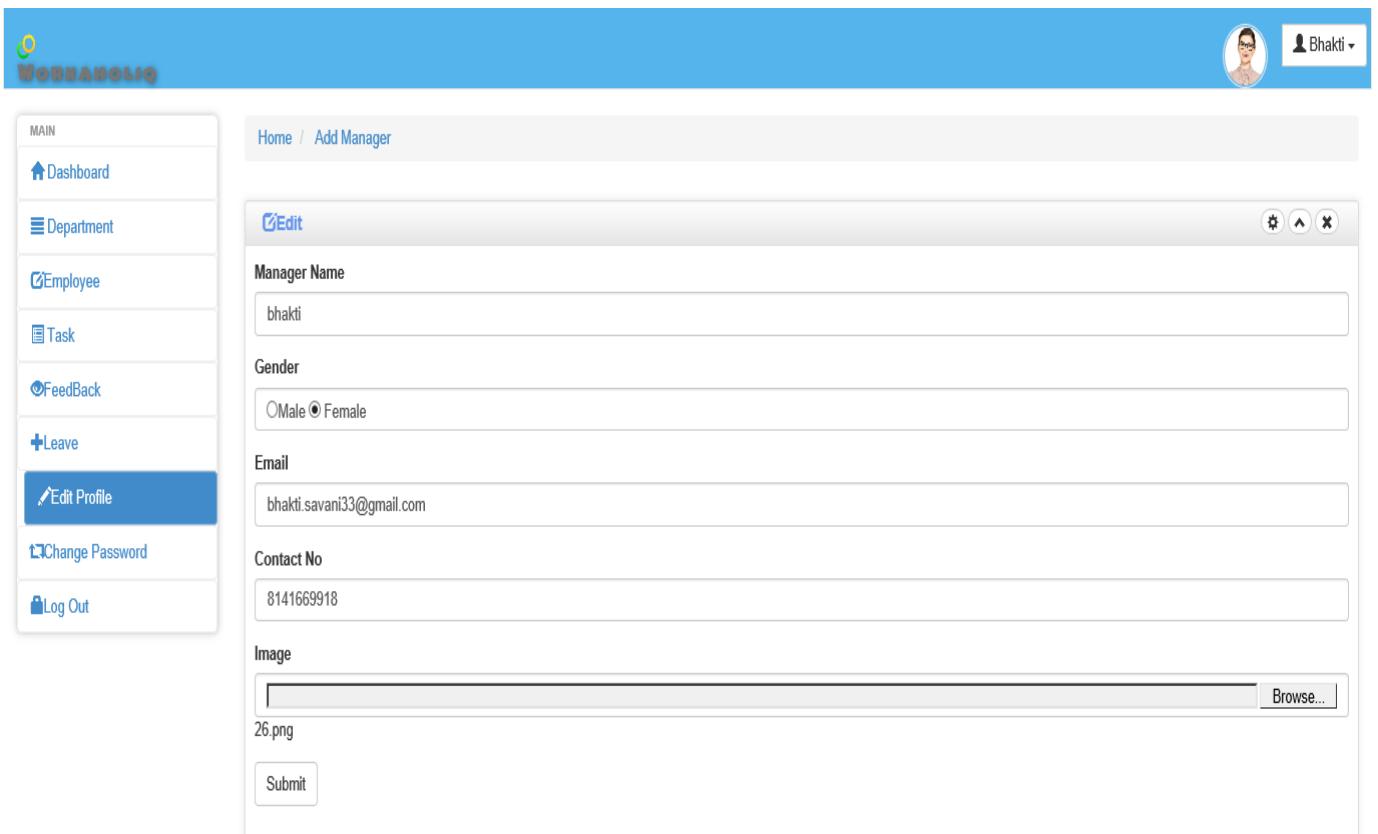
Change password



The screenshot displays the 'Change Password' interface. At the top, a blue header bar contains the WORKAHOLIQ logo on the left and a user profile dropdown labeled 'Bhakti' on the right. A left-hand sidebar menu, titled 'MAIN', lists navigation options: Dashboard, Department, Employee, Task, FeedBack, Leave, Edit Profile, Change Password (highlighted in blue), and Log Out. The main content area features a light blue instruction box: 'Please login with your Username and Password.' Below this are four input fields: 'Username' (containing 'bhakti'), 'Old Password', 'New Password', and 'Confirm Password'. Each field is preceded by a small icon (person, lock, key, and lock respectively). A blue 'Change Password' button is positioned at the bottom center of the form.

In this page the manager can change the password of his own which he will use for the login process.

Edit profile of manager

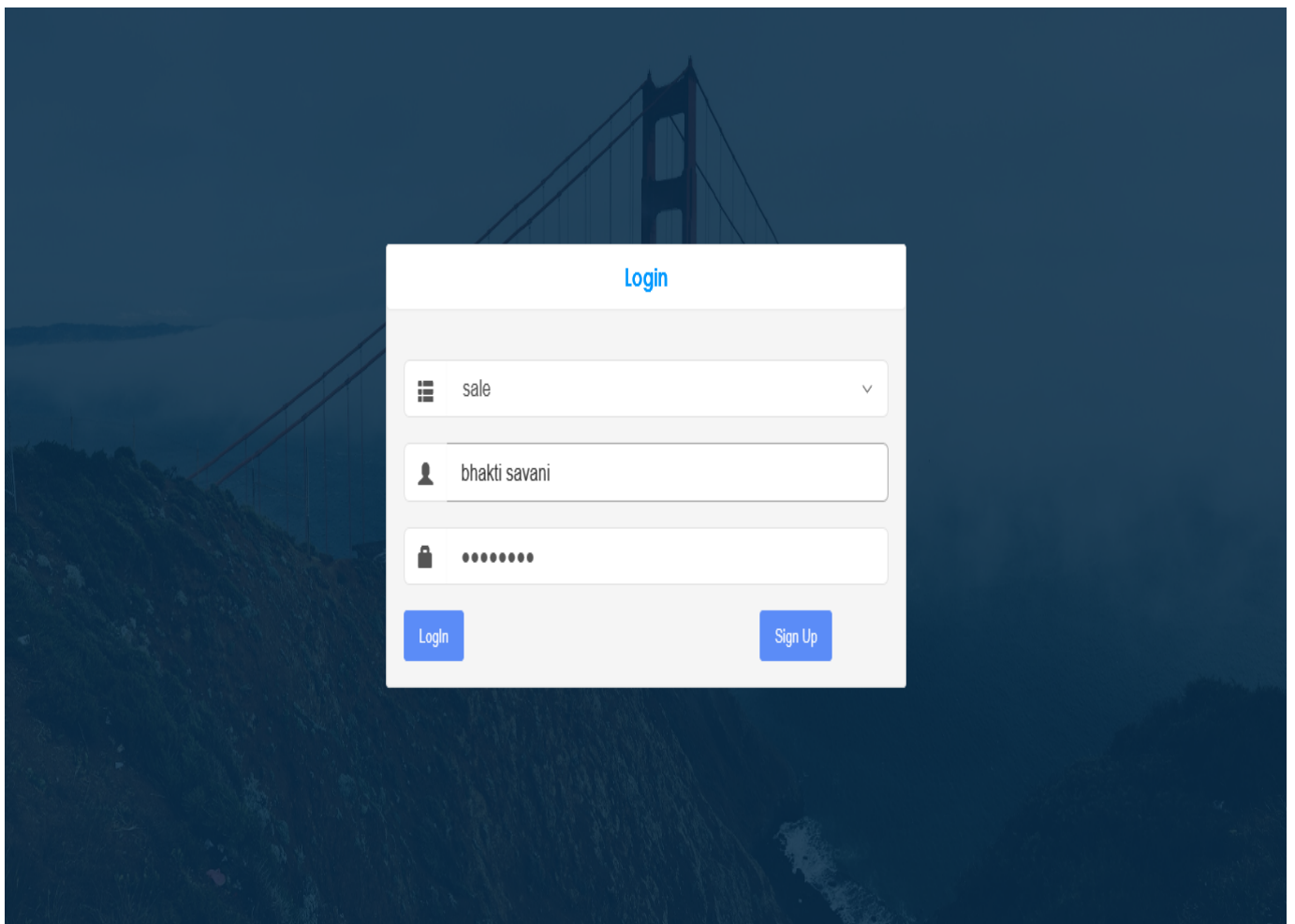


The screenshot shows the 'Edit profile of manager' form in the WORKAHOLIQ system. The interface includes a blue header with the WORKAHOLIQ logo and a user profile dropdown for 'Bhakti'. A left sidebar contains navigation links: MAIN, Dashboard, Department, Employee, Task, FeedBack, Leave, Edit Profile (highlighted), Change Password, and Log Out. The main content area shows the breadcrumb 'Home / Add Manager' and the 'Edit' form. The form fields are: Manager Name (bhakti), Gender (radio buttons for Male and Female, with Female selected), Email (bhakti.savani33@gmail.com), Contact No (8141669918), and Image (a file upload area with a 'Browse...' button and a 'Submit' button below it). The file name '26.png' is displayed below the image area.

From here the manager will edit the information of his profile according to its need.

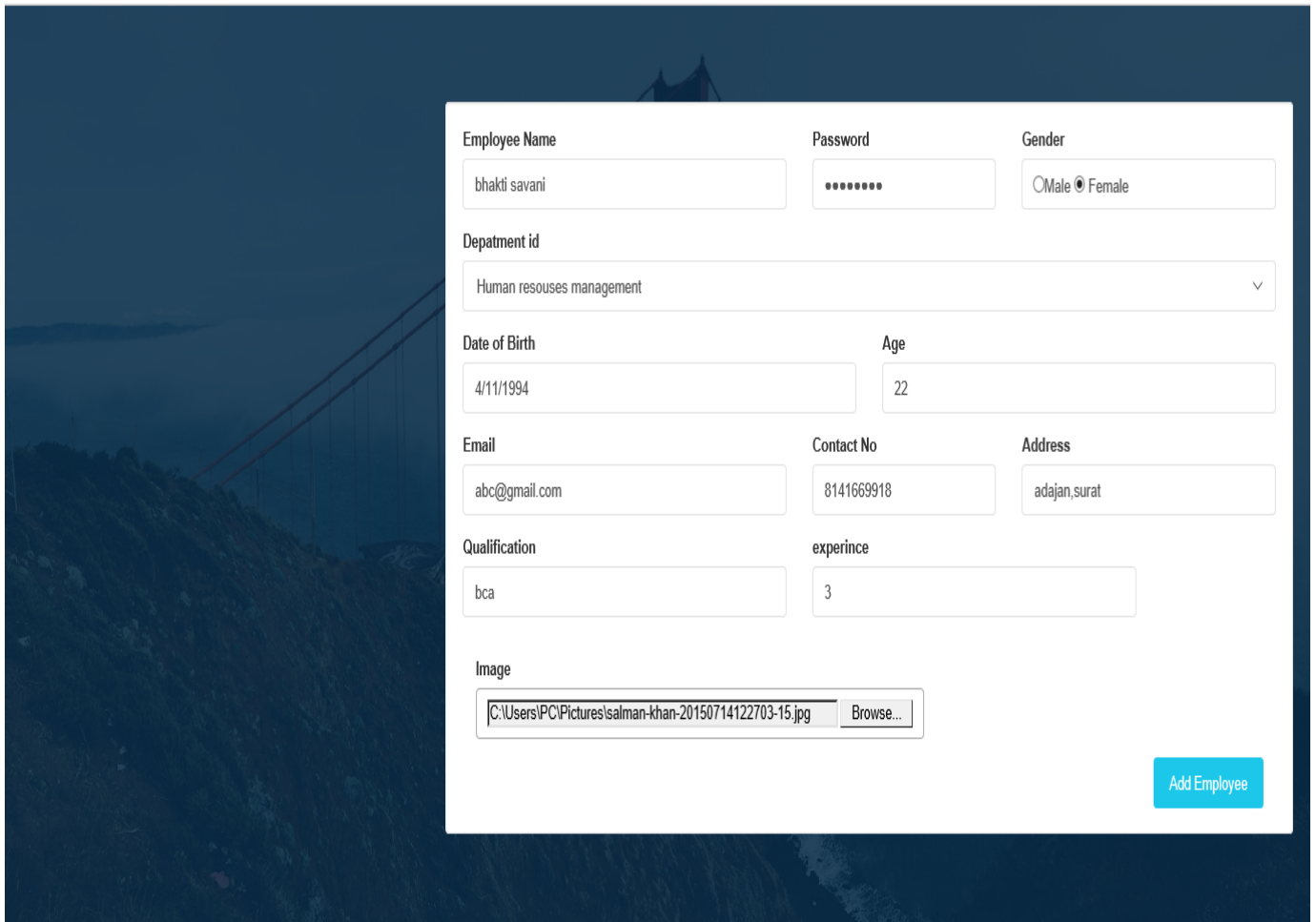
- **Web Pages of Employee :**

Login Page



This page asks the detail from the employee such as department name, username and password and will check the data and if right will redirect it to dashboard.

Signup Page

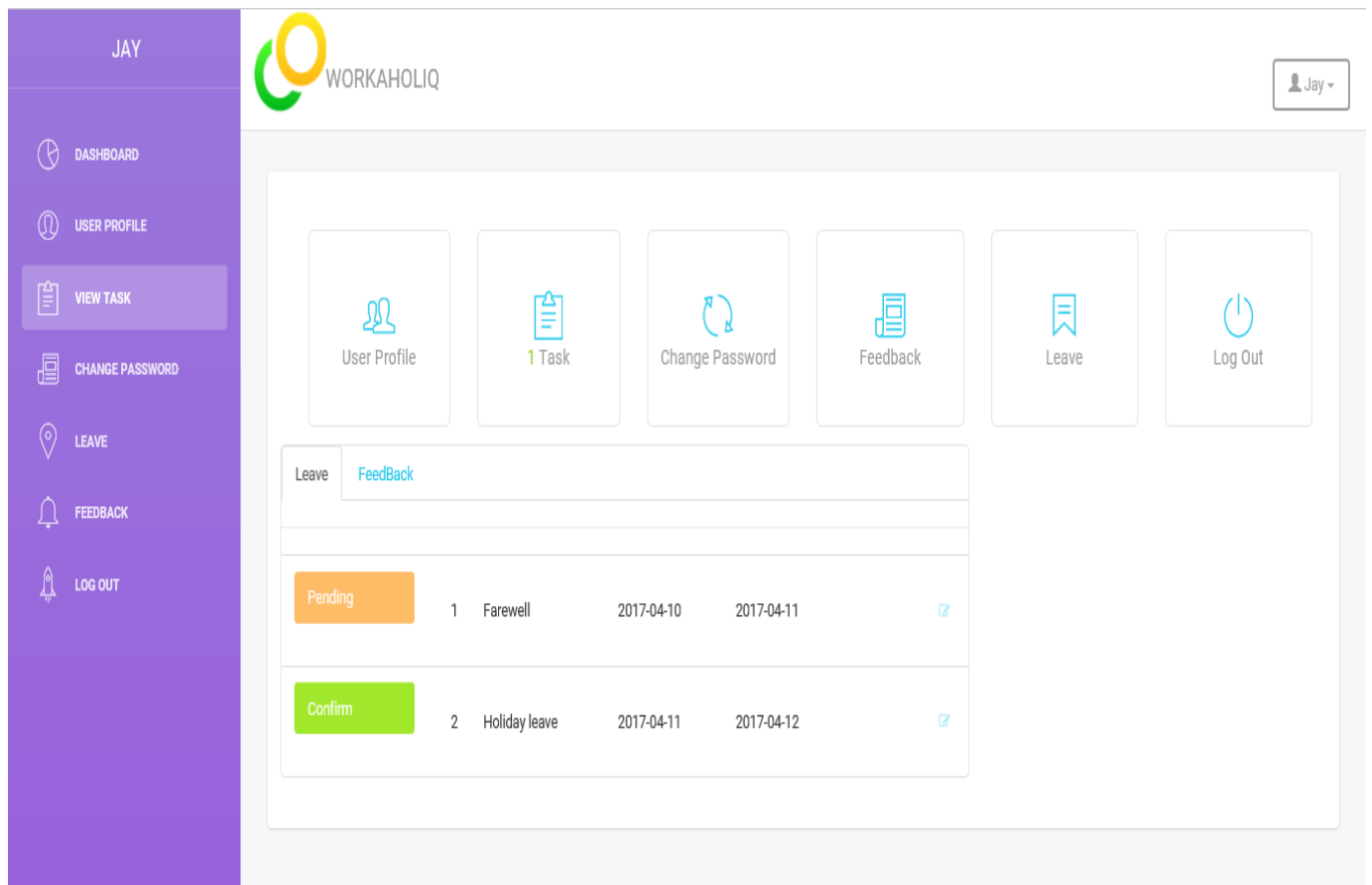


The image shows a web form for adding a new employee. The form is set against a dark blue background with a faint image of a suspension bridge. The form fields are as follows:

Employee Name	Password	Gender
<input type="text" value="bhakti savani"/>	<input type="password" value="....."/>	<input type="radio"/> Male <input checked="" type="radio"/> Female
Department id <input type="text" value="Human resouces management"/>		
Date of Birth <input type="text" value="4/11/1994"/>	Age <input type="text" value="22"/>	
Email <input type="text" value="abc@gmail.com"/>	Contact No <input type="text" value="8141669918"/>	Address <input type="text" value="adajan,surat"/>
Qualification <input type="text" value="bca"/>	experince <input type="text" value="3"/>	
Image <input type="text" value="C:\Users\PC\Pictures\salmán-khan-20150714122703-15.jpg"/> <input type="button" value="Browse..."/>		
<input type="button" value="Add Employee"/>		

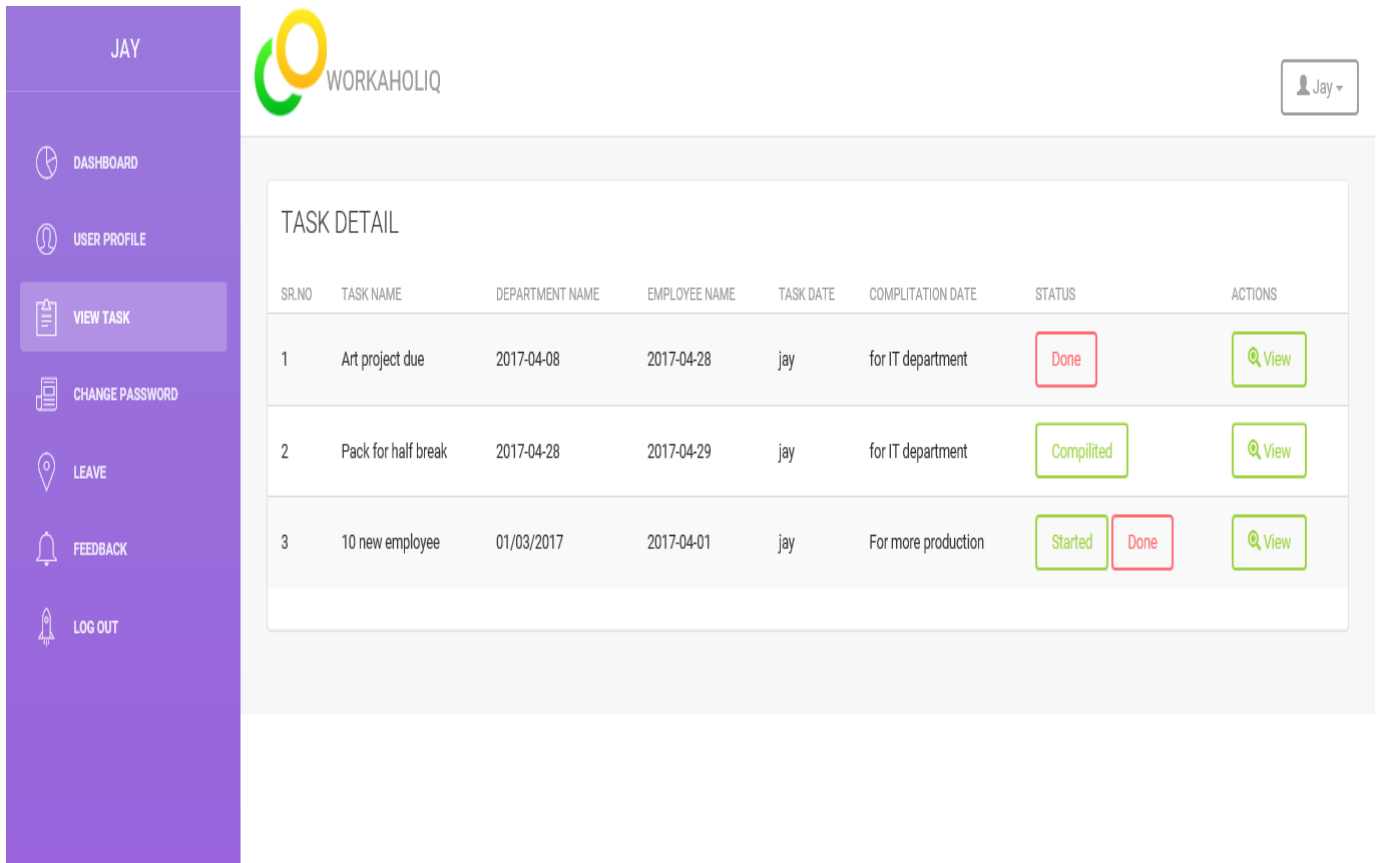
This page gives an signup form for the new employee after filling this form the employee can enter into the system by giving the username and password same as provided here.

Dashboard



This is the dashboard of the Employee which will be viewed by him after the successful log in process and will redirect it to the page as per their need.

Task Detail

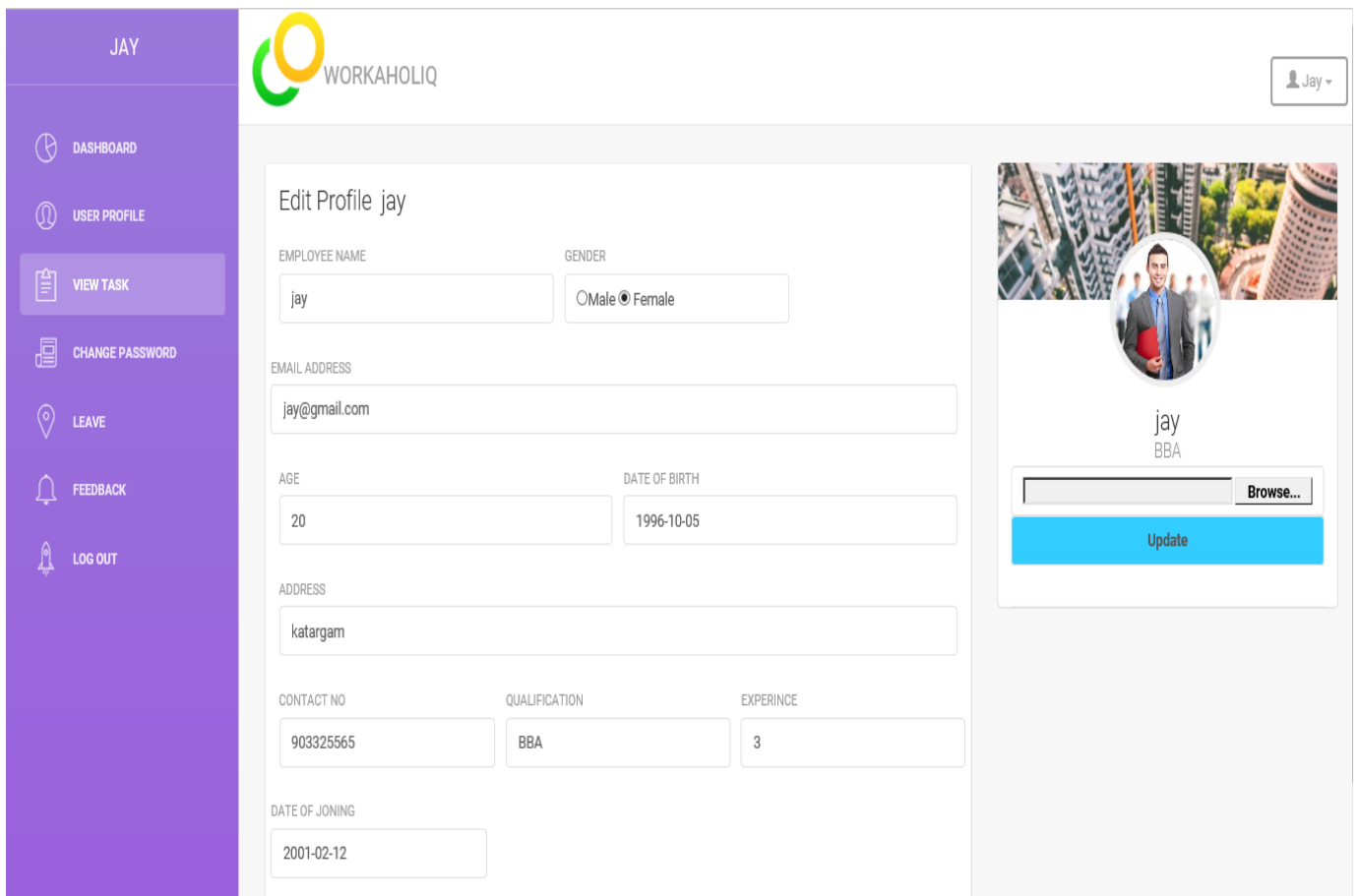


SR.NO	TASK NAME	DEPARTMENT NAME	EMPLOYEE NAME	TASK DATE	COMPLETION DATE	STATUS	ACTIONS
1	Art project due	2017-04-08	2017-04-28	jay	for IT department	Done	View
2	Pack for half break	2017-04-28	2017-04-29	jay	for IT department	Completed	View
3	10 new employee	01/03/2017	2017-04-01	jay	For more production	Started Done	View

This page displays the entire task list to the employee assigned by their department managers and the action can be performed by them such as view it and update the status that is if complete then done button can be pressed.

[Type text]

Edit Profile



JAY

WORKAHOLIQ

Jay

Edit Profile jay

EMPLOYEE NAME: jay

GENDER: ☐ Male ☒ Female

EMAIL ADDRESS: jay@gmail.com

AGE: 20

DATE OF BIRTH: 1996-10-05

ADDRESS: katargam

CONTACT NO: 903325565

QUALIFICATION: BBA

EXPERIENCE: 3

DATE OF JOINING: 2001-02-12

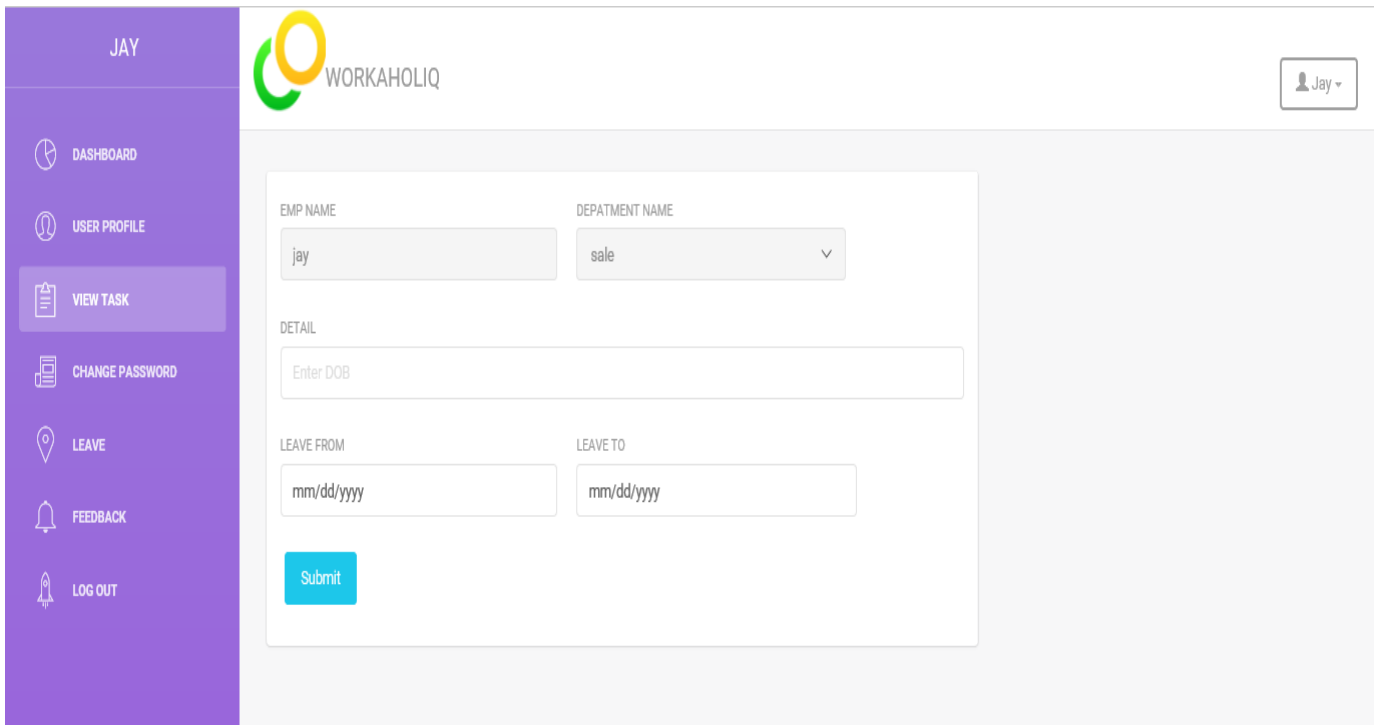
jay
BBA

Browse...

Update

Here on this page the employee can edit his information and make change as per the need.

Apply for leave



The screenshot shows the 'Apply for leave' interface. On the left is a purple sidebar with the user's name 'JAY' at the top. Below the name are menu items: DASHBOARD, USER PROFILE, VIEW TASK (highlighted), CHANGE PASSWORD, LEAVE, FEEDBACK, and LOG OUT. The main content area has the WORKAHOLIQ logo at the top left and a user profile dropdown 'Jay' at the top right. The form itself contains fields for 'EMP NAME' (filled with 'jay'), 'DEPATMENT NAME' (a dropdown menu with 'sale' selected), a 'DETAIL' section with a 'Enter DOB' field, 'LEAVE FROM' and 'LEAVE TO' date fields (both with 'mm/dd/yyyy' placeholders), and a blue 'Submit' button.

This page helps the employee to apply for the leave to the manager from here and date from and date to define the date between which the leave is to be taken.

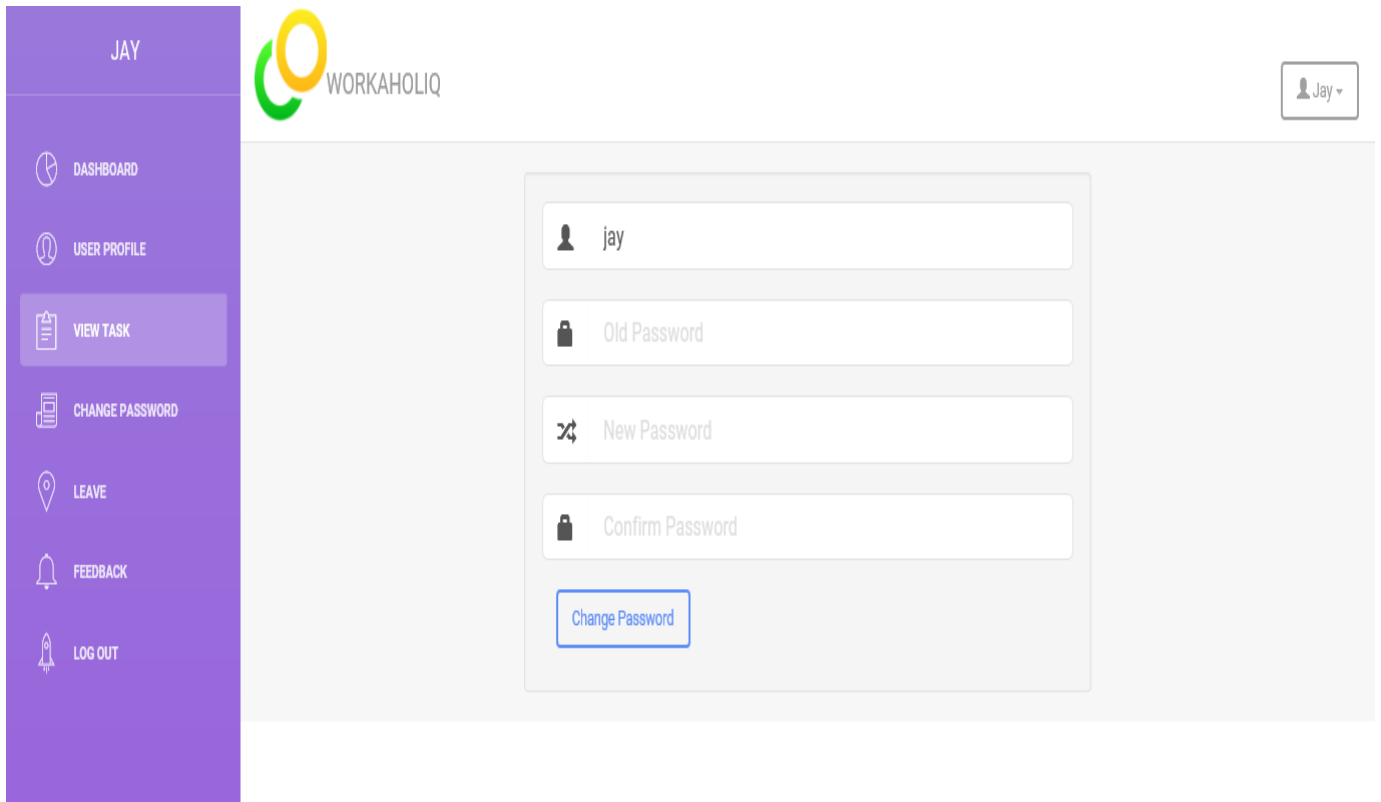
View of feedback



SR.NO	MANAGER NAME	TASK NAME	COMMENT	STATUS
1	abc	Art projec	needs more progress	POOR
2	abc	raw matrial	Experting for more from your work.	Excellent
3	xyz	5 advertise	Well done for work in group handling	Good

This page views the feedback on the task given by the manager of the department after seeing the work of the employee on that task

Change password



The screenshot displays the 'Change Password' interface of the WORKAHOLIQ application. On the left, a purple sidebar menu contains the following items: 'JAY' (username), 'DASHBOARD', 'USER PROFILE', 'VIEW TASK' (highlighted), 'CHANGE PASSWORD' (current page), 'LEAVE', 'FEEDBACK', and 'LOG OUT'. The main content area features the WORKAHOLIQ logo at the top left and a user profile dropdown 'Jay' at the top right. The central form includes four input fields: a username field with 'jay', an 'Old Password' field, a 'New Password' field with a strength indicator icon, and a 'Confirm Password' field. A blue 'Change Password' button is positioned at the bottom of the form.

Here the employee can change the password of his account which he will use further for the log in process.

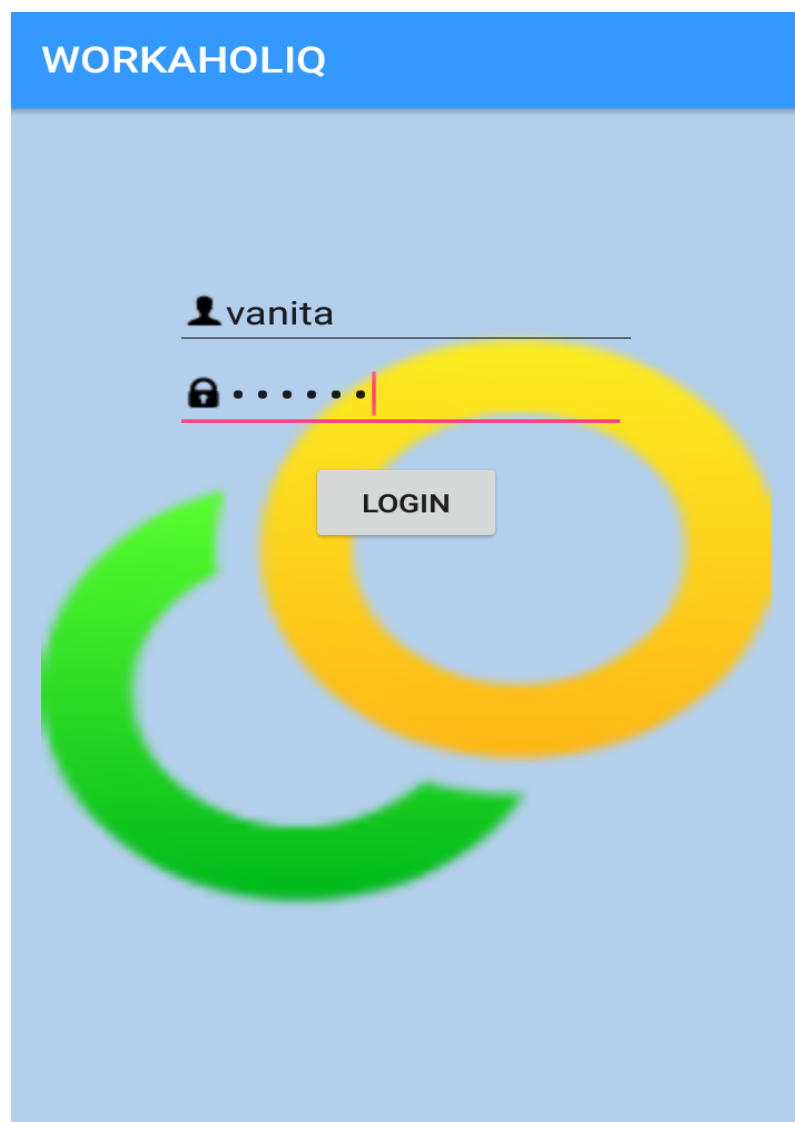
- **Andriod Pages of Employee :**

Splash Screen




This is the first page of the android application for the same when the employee will open the application this is the first page which is to be displayed.


Log In Page



A mockup of a login page for 'WORKAHOLIQ'. The page has a blue header with the company name. Below the header, on a light blue background, is a login form. The form includes a username field with a person icon and the text 'vanita', and a password field with a lock icon and seven dots. A red vertical line is at the end of the password field. A grey 'LOGIN' button is positioned below the password field. A large, faint, stylized logo consisting of a green 'C' and a yellow 'O' is in the background.

WORKAHOLIQ

 vanita



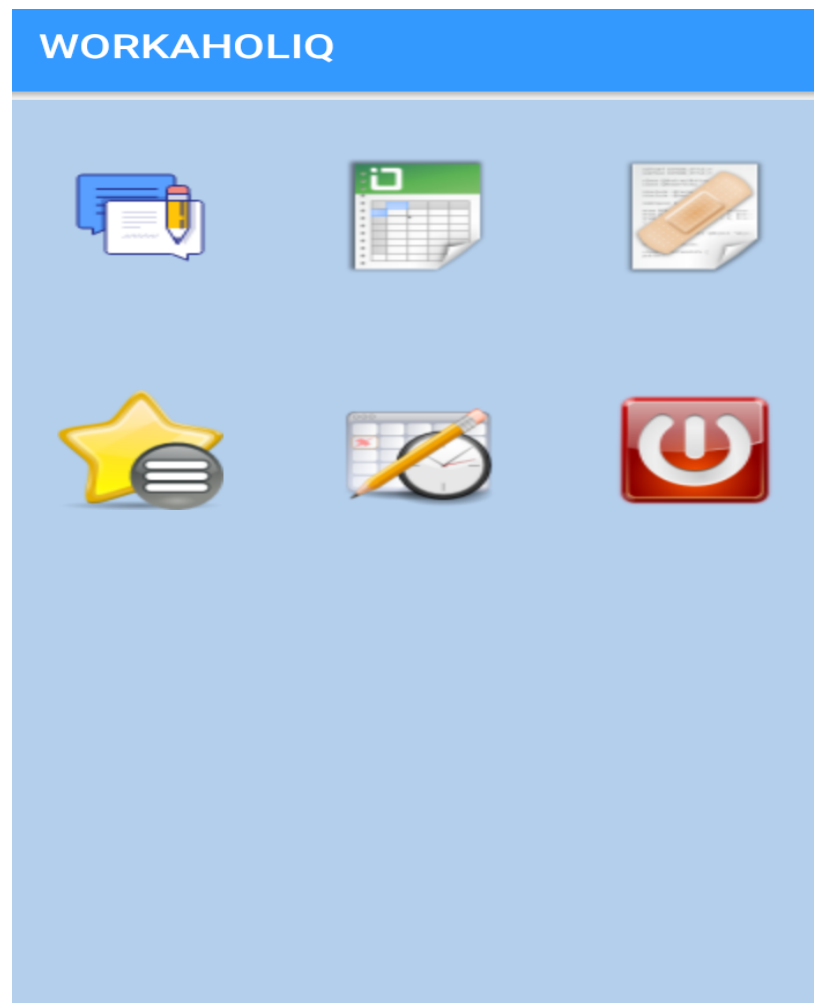
LOGIN

[Type text]



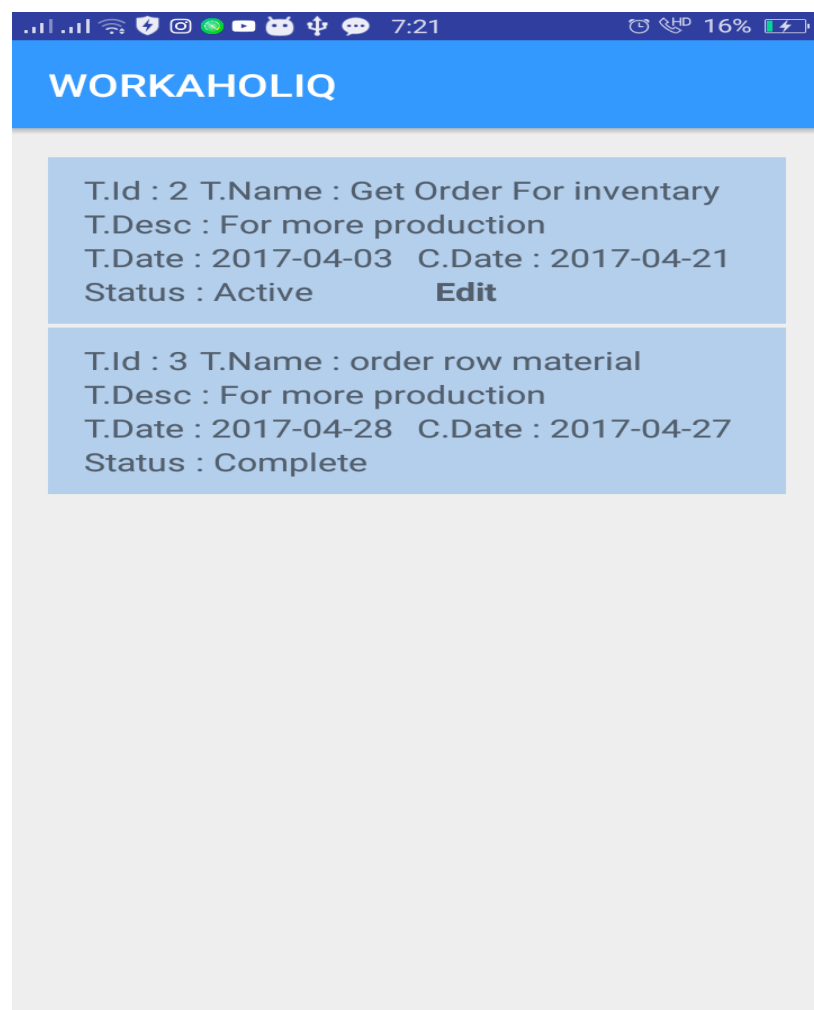
This is the Login page of the android application and it asks the employee for the information such as username and the password which was mentioned by the employee on the web sign up page.

Dashboard



This is the dashboard of the android application and this page will be viewed after the login process and it will redirect it to that page

Task View



This page views the list of the task assigned by the manager to the employee here the action can also be performed by the employee such as edit it and send the completion message to the manager of the department.

Apply for leave

WORKAHOLIQ

Apply for your Leave

Sick leave

2017-04-08

2017-04-09

SUBMIT

[Type text]



This page allows the employee to apply for the leave to the manager and get it approved.

Leave Detail

WORKAHOLIQ	
L.Dtail : zxcvbnm	
F.Date : 2017-03-17	T.Date : 2017-03-21
L.Dtail : asdfghjpl	
F.Date : 2017-03-17	T.Date : 2017-03-20