



# Leave Management System

Team Arya Clash Of Code

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# Problems !

- No Correct track of leaves for one self.
- No proper tracking of leaves of subordinates.
- No Impact Analysis of leaves on Organization
- No Proper Platform for users with limited or no internet connectivity.

# Leave Management System

“A software solution for elegant management of leaves with detailed analysis by basic implementation of data science and processing all at one stop.”

# Innovation

- SMS triggered Communication (Application | Tracking | Management ).
- Smart Suggestions on the basis of data analysis and pattern mapping from previous organizational pattern.
- Real-time analysis for leave tracking and granting .
- Automated action on custom critical situation.
- Real Time custom requested Graphical representation
- Detailed report on basis of Zone, Geolocation or Authority.
- Comparative reporting for enhanced Understanding .

# Admin Experience

- Add, update, remove or suspend any user.
- Upload bulk data of department.
- View, accept or reject leaves of any user or change leave policy.
- Can change the leave policy.
- View real-time graphical report by zone, Hierarchy & Department.
- View Smart suggestions on basis of organizational analysis and individual's leave pattern.

- Manage Users
- Manage Requests
- Manage Leave Policies
- Change Password
- Bulk Upload
- Compare**
- Logout

### User Comparison

Enter User1

Enter User2

COMPARE

### Compare Departments

Enter Department1

Enter Department2

COMPARE

Search

### Table List

User1  
 totalleaves/approved  
 /rejected  
 /awaited

12/4/4/4

User2  
 totalleaves/approved  
 /rejected  
 /awaited

13/4/4/4

Department one

50

Department 2

52

### upload File

Browse... No file selected.

UPLOAD

### LEAVE MANAGEMENT SYSTEM

Search

Dashboard

5 Notifications

Profile

### User Comparison

Enter User1

Enter User2

COMPARE


User1  
 totalleaves/approved/rejected/awaited  
 12/4/4/4

# Admin's View

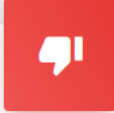
# Moderator Experience

- Can view, accept or reject leaves of any subordinate user.
- View real-time graphical leave report by zone & Hierarchy.
- Manage his leave track reports.
- Apply, track and revoke the leave requests (On SMS too).
- Can track, approve and reject subordinate user's requests (On SMS too).
- View Smart suggestions on basis of organizational analysis and individual's leave pattern.


☰




Approved  
**153**



Declined  
**34**



Pending  
**5**



Auto Rejected  
**10**

Leave Status

Emp_Id	Name	Date	status
1	Twinkle	10/6/2014	Approved
2	Ashish	10/6/2014	Pending


Leave Requests

Emp_Id	Name	Date	Days	Reason	Status
E05	ashish surana	2017-04-02T00:56:51.486Z	2	my personal reason	✓✕
E01	ashish surana	2017-04-01T14:19:23.261Z	1	my personal reason	✓✕
E01	ashish surana	2017-04-01T14:19:23.261Z	1	my personal reason	✓✕
E01	ashish surana	2017-04-01T14:19:23.261Z	1	Personal reason	✓✕


Leave Requests

Emp_Id	Name	Date
1	Twinkle	10/6/2014
2	Ashish	10/6/2014


☰




Approved  
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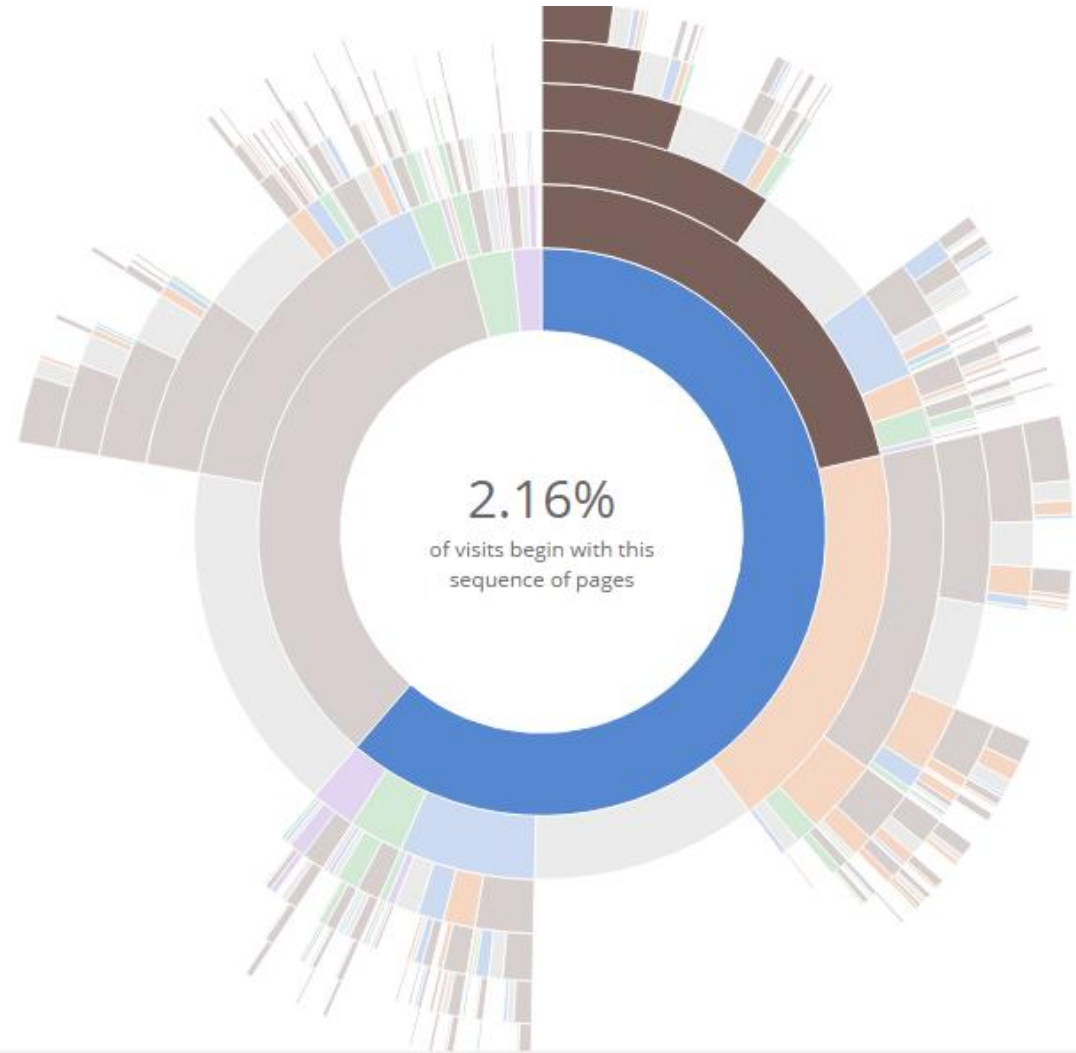
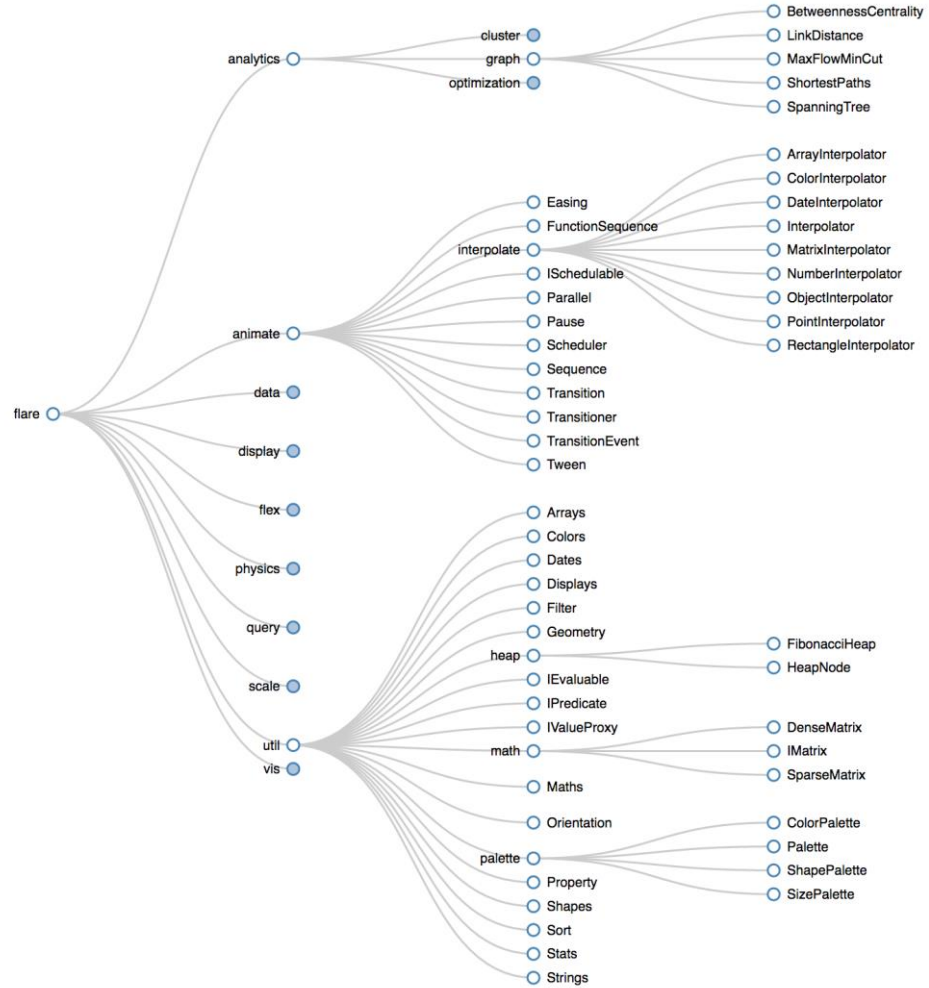
Leave Status

Emp_Id	Name	Date	status
1	Twinkle	10/6/2014	Approved
2	Ashish	10/6/2014	Pending

# Moderator's View



# Reporting (Admin & Moderator)



# User Experience

- Can apply, track and revoke leave requests.
- Can view leave history.
- SMS based leave management.



CL Leave  
49/50



PI Leave  
60/100



Other Leave  
75/100

Current Leave Status

Type of Leave	Number of Days	From	To	Status
PL Leave	15	15-04-2017	15-04-2017	Pending

Home

Statics

Apply

History

Leave History

Type of Leave	Number of Days	From	To	Status
PL Leave	15	15-04-2017	15-04-2017	Pending
PL Leave	5	10-02-2017	15-02-2017	Approved
PL Leave	15	15-12-2016	31-01-2017	Rejected
CL Leave	15	15-04-2017	15-04-2017	Approved
Other Leave	15	15-06-2016	30-06-2016	Rejected
CL Leave	15	1-04-2016	15-04-2016	Approved

Apply Leave

Department Name (disabled)      Username      Email address

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Start Date      End Date

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Total number of days      Type of Leave      Reason

SUBMIT APPLICATION

# User's View

# Freeing You !

- Smart Data gathering and analysis to return only the essential data.
- Intelligent automation in case of critical situations.
- Graphical Representation of statistics for better understanding of the present situation.
- Effective management of roles and responsibilities.
- No Fake users only the genuine officials involved.

# Expansion Plan

- Possible integration with other management system to send, receive and process data.
- Auto validation on basis Govt. ID's.
- Pattern based leave approval and request filtering.

# The Tech Behind It !

- Back-End : Node.JS , MongoDB
- Front-End : HTML5, CSS3, JS
- Framework : JQuery, Materialize, D3.JS , R



# Questions ?

## Thanks !

- Team \_

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