Smart Mirror 1100 0011

Programming Club Summer Project, 2016

Abhinav Kumar Sharma, kumabhi@iitk.ac.in Shubham Jain, shubjn@iitk.ac.in Subhdeep Saha, ssaha@iitk.ac.in Yash Srivastav, yashsriv@iitk.ac.in May 29, 2016

1 Daily Log

1.1 Date: 21st May 2016

1. Abhinav Kumar Sharma

Learned HTML - Sample

2. Shubham Jain

Learnt CSS.

3. Subhdeep Saha

Started learning HTML and CSS3 - Sample

4. Yash Srivastav

Lorem Ipsum sit dolor amet

1.2 Date: 22nd May 2016

1. Abhinav Kumar Sharma

Learned CSS - Here

2. Shubham Jain

Learnt Javascript.

3. Subhdeep Saha

Learnt CSS3 and fonts. - Test Code

4. Yash Srivastav

Lorem Ipsum sit dolor amet

1.3 Date: 23rd May 2016

1. Abhinav Kumar Sharma

Read jQuery events - Sample

2. Shubham Jain

Reading Jquery events.

3. Subhdeep Saha

Learnt the fundamental of Javascript. - Here

4. Yash Srivastav

Lorem Ipsum sit dolor amet

1.4 Date: 24th May 2016

1. Abhinav Kumar Sharma

Learnt jQuery and ajax.

2. Shubham Jain

Learnt jQuery and ajax.

3. Subhdeep Saha

Learnt jQuery and ajax

4. Yash Srivastav

Lorem Ipsum sit dolor amet

1.5 Date: 25th May 2016

1. Abhinav Kumar Sharma

Worked on time and weather implementation. Find it here and here

2. Shubham Jain

Worked on time and weather implementation. Find it here and here

3. Subhdeep Saha

Worked on weather API and added to interface. Find it here

4. Yash Srivastav

Worked on time and weather implementation. Find it here and here

1.6 Date: 26th May 2016

1. Abhinav Kumar Sharma

Added date to the interface. Find it here

2. Shubham Jain

Added date to the interface. Find it here

3. Subhdeep Saha

Worked on Google Calendar API. Find it here

4. Yash Srivastav

Worked on Google Calendar API. Find it here

1.7 Date: 27th May 2016

1. Abhinav Kumar Sharma

Worked on Push Bullet notifications. Find it here

2. Shubham Jain

Worked on Push Bullet notifications. Find it here

3. Subhdeep Saha

Went through the Microsoft Oxford Project

4. Yash Srivastav

Worked with the others on Push Bullet notifications

1.8 Date: 28th May 2016

1. Abhinav Kumar Sharma

Worked on Javascript object detection. Find it here

2. Shubham Jain

Worked on Javascript object detection. Find it here

3. Subhdeep Saha

Understood the working of push bullet API.

4. Yash Srivastav

Worked on Microsoft Face Api. Find it here

2 Code

```
2016-05-29 12:17 Yash Srivastav
                             [master]
                              {origin/switch_to_https}    Fixed broken calendar
                             Added better error handling
                             Switched to https
                             Miscellaneous Fixes from #shubjn:push_bullet
                               fixed push_bullet js (count--)
                               Fixed date and time
                                Added Push Bullet notifications
                              Added Push Bullet notifications
                             Added Google Calendar Events
                           o {origin/calendar} Added Google Calendar API
                             Fixed formatting
                             Added Date Display
                             {abhinav/develop} indented
                             date added
                              {abhinav/master} Weather display added
                           o {subhdeep/weather} added weather
                               {subhdeep/master} Merge pull request #1 from 11000011/master
                               Merge pull request #1 from yashsriv/basic_time
                             o {origin/basic_time} Beautified
                             o Added welcome screen
                               Added basic time
                               updated logo position
                           Included pclub logo
                           Initial commit
```

Figure 1: The Git Repo Visualization

We have added date/time display, Weather display, Google Calendar Notifications and Pushbullet Notifications. The repo can be found at github.

We have a sample output from the project below:



Figure 2: The Display

3 Timeline

- Face Dectection and Face Recognition will be completed by 2^{nd} June.
- Voice Recognition (If useful) will be done by 7^{th} June
- Bug Squashing and testing on miror after that