

Project Synopsis

Code Name : **TIMETRAIN**

Type : **Rails Application**

Abstract

Create a web application to view the whole activity of a user in different social networks.

What is TIMETRAIN?

It helps to view the users' activity in their connected accounts at a single page. It allows the user to connect to different social network accounts with a single login. The user can also publish to all the connected accounts through this application. TIMETRAIN supports the following social networking websites :

- Google Plus
- Facebook
- Twitter

How TIMETRAIN works?

TIMETRAIN is powered by RoR. Developer apps are created in each platforms and integrated to TIMETRAIN. When a user sign up in TIMETRAIN, he/she is asked to connect their social networking accounts. Then TIMETRAIN fetches their activities and shows it in a chronological order on a timeline powered by javascript and RoR.



Kiran Surendran Pankan, Nihal Nizar E

Interns, Ruby on Rails

QBurst, Leela Infopark, Kochi

Project Estimate

| # | Task | Subtask | Estimated time (days) |
|-------------------------|-------------------------------|--------------------------|-----------------------|
| 1 | Wireframing | | 1 |
| 2 | UI Designing and development | UI Designing (PSD) | 0.5 |
| | | HTML/CSS | 1 |
| | | Javascript Slider | 1 |
| 3 | Creating Models | User model | 3 |
| | | Facebook model | 1 |
| | | Twitter model | 1 |
| | | Gplus model | 1 |
| 4 | API and Integration | Facebook App | 1 |
| | | Twitter App | 1 |
| | | Google App | 1 |
| | | Integration to timetrain | 4 |
| 5 | Routing and Linking Front end | Routing | 1 |
| | | Embedding to HTML | 2 |
| 6 | Testing and Publishing | | 0.5 |
| Total Man-Days required | | | 20 |

Team Size : 2

Total no. of days required : $20 / 2 = 10$ days.

Project Start Date : 23rd June, 2014

Project Completion Date : 4th July, 2014

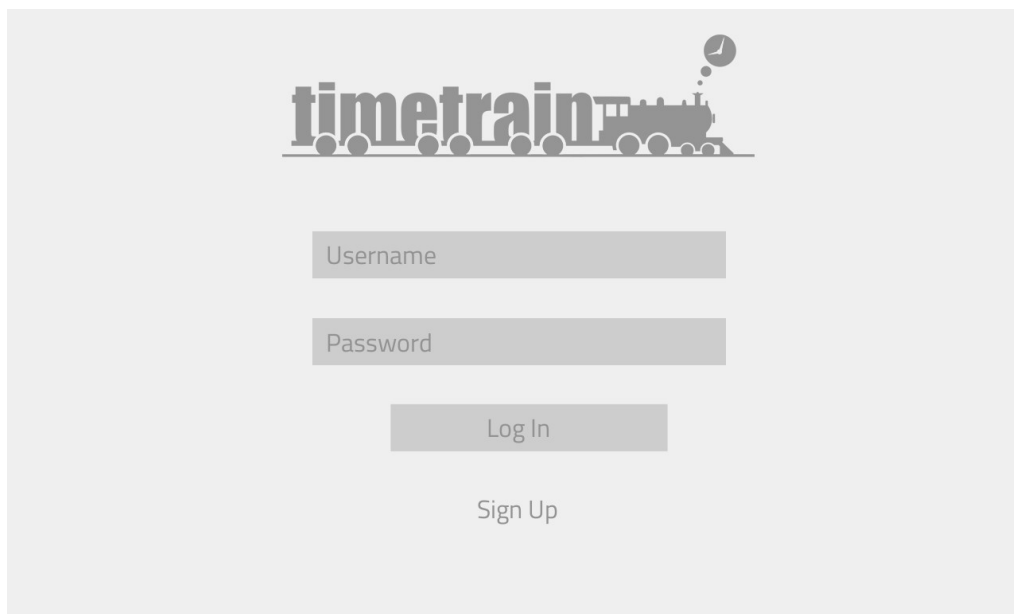
Site structure and Navigation

1. Login page

Login page is a simple form to submit values for username and password.

This will be the landing page unless a remembered login is active.

At the bottom a link is provided for new users to signup.



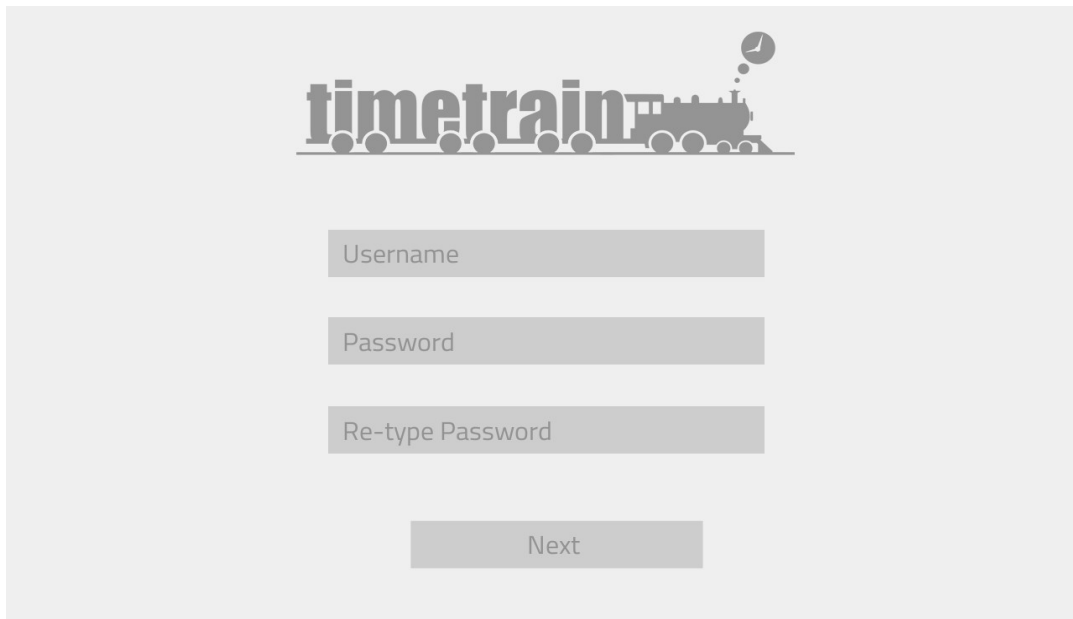
The screenshot shows a login page for 'timetrain'. At the top is the 'timetrain' logo, which includes a stylized train icon. Below the logo are two input fields: 'Username' and 'Password'. Under the 'Password' field is a 'Log In' button. At the bottom of the form area is a 'Sign Up' link.

2. Signup Pages

Part 1

Part 1 of signup page receives username and password,

Upon entering, user clicks Next button.



User Model

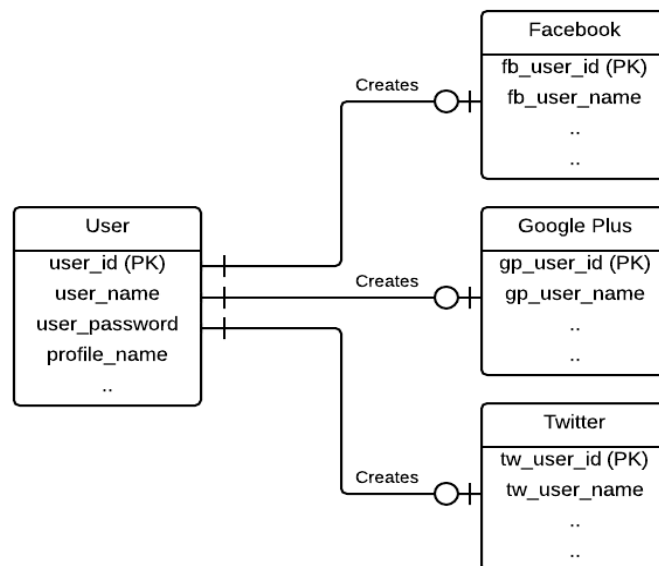
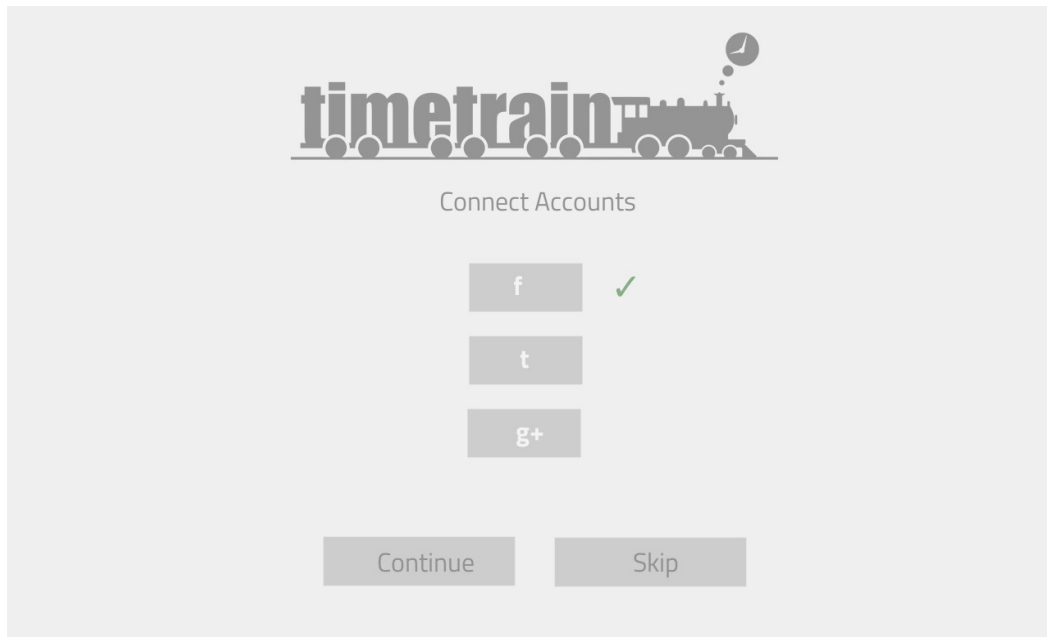
| fields | description |
|---------------|--------------------------|
| user_id (PK) | Unique id. (Public Key) |
| user_name | unique alias for user_id |
| user_password | min 8 character |
| profile_name | First name + Last name |
| ... | ... |

Part 2

Part 2 of signup page connects the user's social networking accounts to TIMETRAIN.

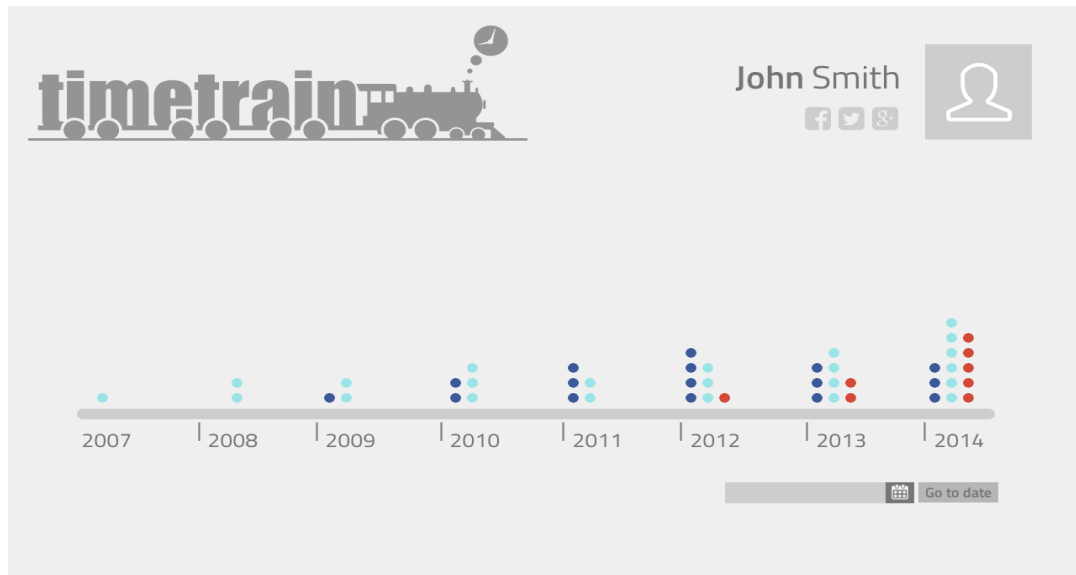
Upon successfull connection, a tick mark will be shown on the right ride.

To Continue or Skip the step, minimum of one connection is required.



3. Home

This is the home page view after successful login/signup.



Legends

Go to date

View Activities on a Specific date

Footer (Navigation)

Activity Dots

- Google+ Posts
- Tweets
- Facebook Posts

Home : Link to Home Page

About : View app and developer details

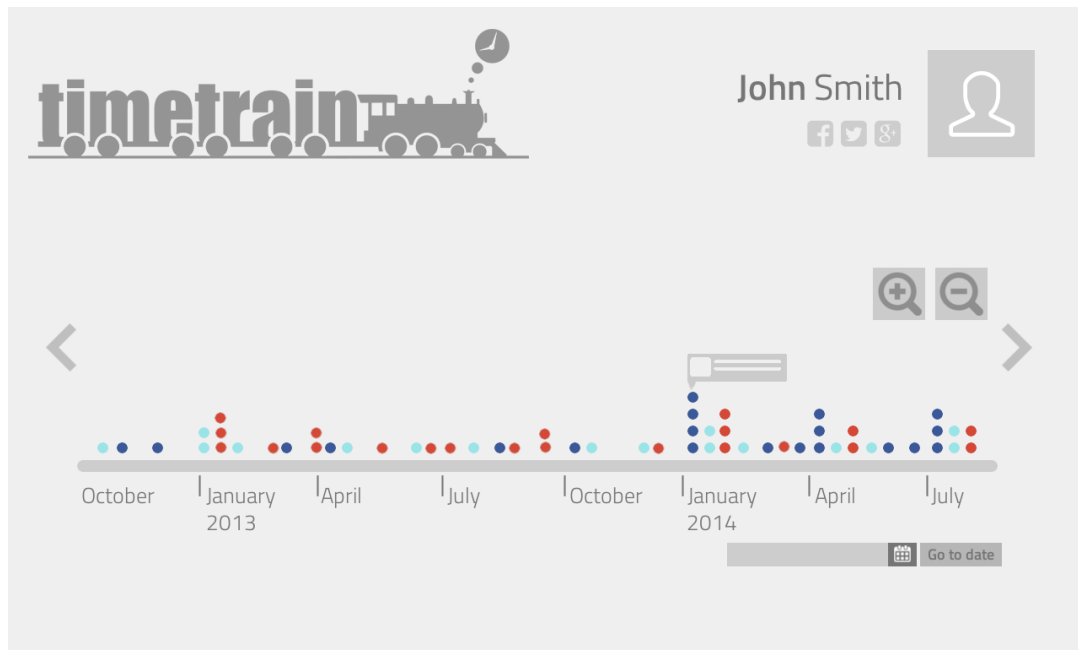
Setting : hange user settings

Contact : Developer contact details





Help : User help

Timeline and actions

On clicking a part of the timeline, this zoomed timeline will be shown. Activity Dots are placed chronologically on the timeline. Clicking on an activity dot shows a miniature view of the corresponding activity.



Legends

- | | | | |
|---|-------------------|---|-------------|
|  | Zoom In Timeline |  | Older Posts |
|  | Zoom Out Timeline |  | Newer Posts |