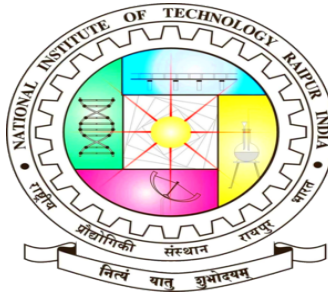


National Institute of Technology Raipur



Department of Computer Applications
MCA IV Semester (2019-2022)
Web- Technology Advanced Java
Term Project Report on
“Toder: A Todo and Reminder Application”

Submitted to:
Dr. Shyam Sundar
Assistant Professor
NIT Raipur

Submitted by:
Gayatri Basude
19223031
MCA IV

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I. Current Scenario

When tasks to be done in time, there need to be a proper planning and scheduling. Here to-do list plays important role. For this, people write they task on sticky notes or on papers such as on diary or they take help of another person for reminding the task they need to do.

II. Problem in Current Scenario

1. Paper or notes can get lost.
2. To-do list can be out of reach.
3. They is no such system for reminder
4. How much task has been done or need to be done is not accountable.
5. It is not centralized.
6. There is no confidentiality.

III. Proposed System

In this system person can write their to-do list in detailed manner. They can update and can delete their tasks anytime they want easily. Reminder will be send to the user in their email.

IV. Advantages of Proposed System

1. It is centralized.
2. There is confidentiality
3. There is accountability
4. Update and deletion of todo list is feasible and easy.
5. There is reminder system through email.
6. We can change the status of tasks such as "Done" ,"De-active".

V. Stakeholder

1. User
 - a. Adds, deletes and updates the todo.

VI. Technologies Used

1. Language: Java 11.0.2 (Servlet and JSP)
2. Web Server: Apache Tomcat 9
3. Database: MYSQL 12
4. Frontend: HTML, CSS and Bootstrap

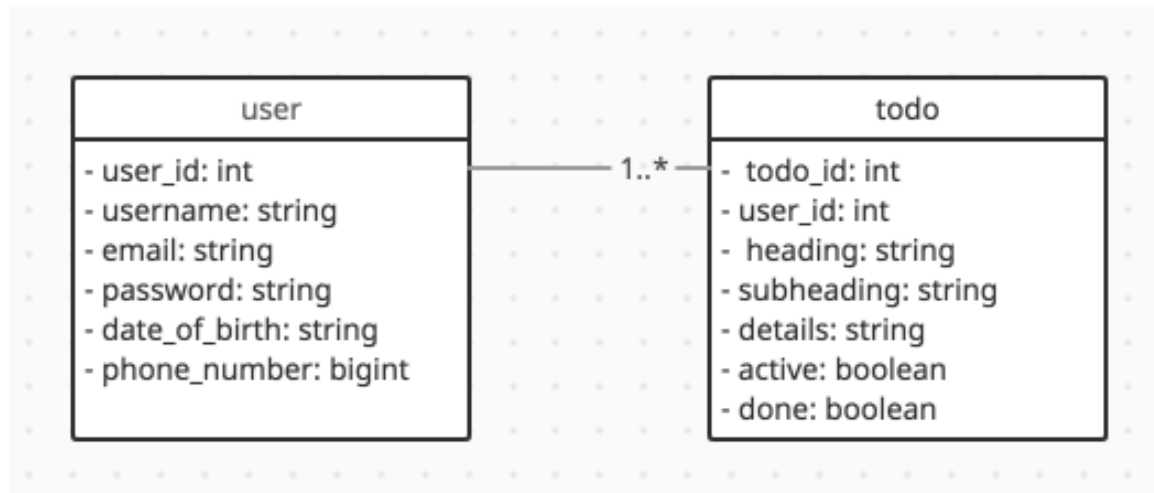
VII. Methodology

Agile Methodology

Agile methodology is a practice that promotes continuous interaction of development and testing thought out the software development life cycle of the project. Both development and testing activities are concurrent unlike the waterfall model.

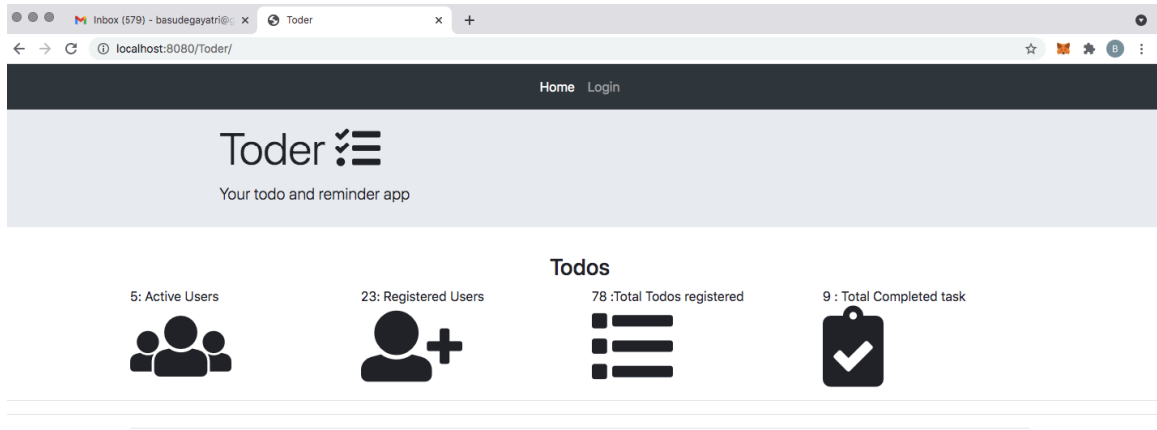
VIII. UML Diagram

Class Diagram



IX. Screenshots and working flow

1. Index page




2. Signup page

The screenshot shows the "Registration" page of the Toder application. The page has a light gray background and a white registration form. The form includes the following fields and options:















- Registration title: "Registration"
- Subtitle: "Get started with your free account"
- Option: "Login via Gmail" (with a Twitter icon)
- Separator: "OR"
- Form fields (each with a red asterisk indicating required):
 - Username (with a person icon)
 - Email address (with an envelope icon)
 - Phone number (with a phone icon and a dropdown menu showing "+91")
 - Date (with a calendar icon and placeholder "mm/dd/yyyy")
 - Create password (with a lock icon)
 - Verify Password (with a lock icon)
- Button: "Create Account" (blue)
- Link: "Have an account? [Log In](#)"


Registration

Get started with your free account

 Login via Gmail

OR

	<input type="text" value="Gayatri Basude"/>	
	<input type="text" value="basudegayatri@gmail.com"/>	
	<div><input type="text" value="+91"/></div> <input type="text" value="9130899800"/>	
	<input type="text" value="10/10/1998"/> 	
	<input type="password" value="....."/>	
	<input type="password" value="..... "/>	


 Please enter the same Password as above

Have an account? [Log In](#)

Registration Successful, [Login from here](#)

Registration

Get started with your free account

 [Login via Gmail](#)


OR




Create Account


3. Login page

Login

 [Login via Gmail](#)

OR






Login

Want to have an account? [Register from here](#)

Forgot Password? [Go Here](#)


4. Home page

Home Add Todo Update/Delete Todo About Toder Logout basudegayatri ▾


Toder 

Welcome basudegayatri

6: Active Users




24: Registered Users




Todos

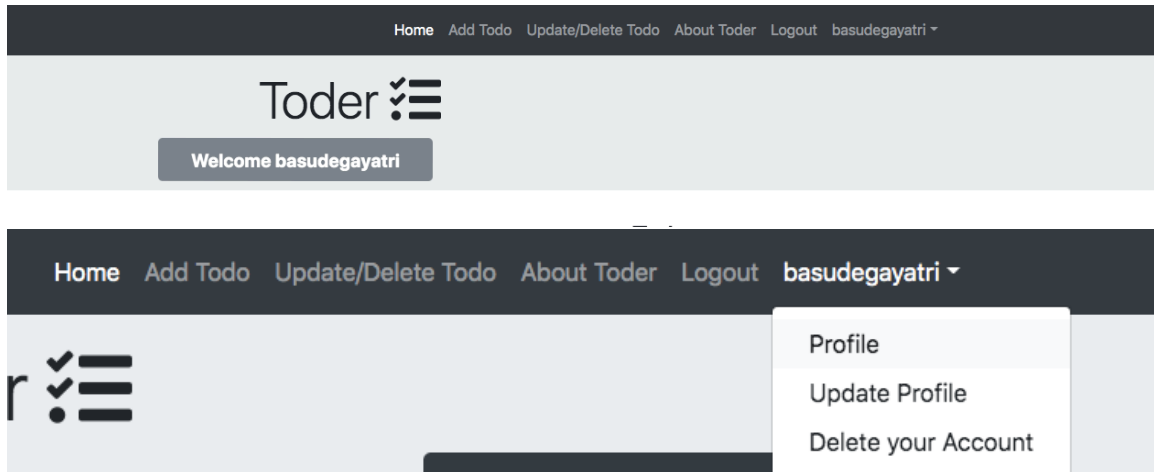
78 :Total Todos registered



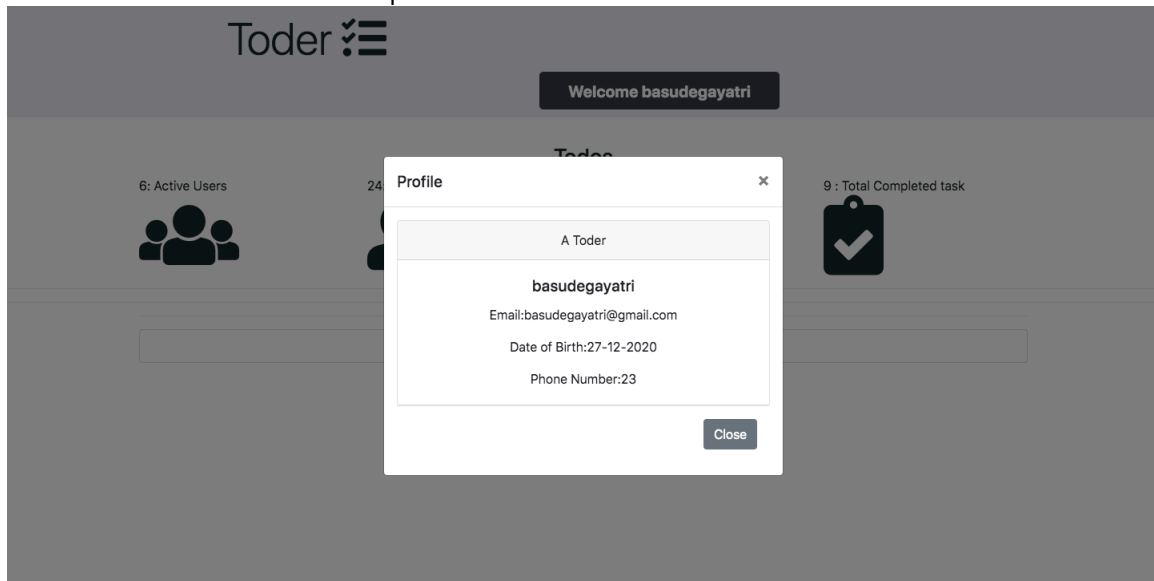
9 : Total Completed task



Page 8 of 21



5. Here user can see his profile



6. Here user can update his profile such as name, password, date of birth, phone number.

7. Add todo page

Add Todo

We will remind you to do your task

H Enter Heading *

CC Enter Sub Heading

🕒 mm/dd/yyyy, --:-- -- 📅 *

i Enter Details

Add Todo

Add Todo

We will remind you to do your task

H Report on Java *

CC Toder's report submission

🕒 04/29/2021, 09:23 PM 📅 *

i

April 2021 ▾

S	M	T	W	T	F	S
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Today

↑ ↓

09 20 PM

10 21 AM

11 22

12 23

01 24

02 25

03 26

Please enter valid time

Add Todo

We will remind you to do your task

H

Enter Heading



CC

Enter Sub Heading



mm/dd/yyyy, --:-- --



i

Enter Details

Add Todo

Thu Apr 29 9:26 PM

as Current time is:

After Addition of proper time:

Your Todo Added Successfully

Add Todo

We will remind you to do your task

H

Enter Heading



CC

Enter Sub Heading



mm/dd/yyyy, --:-- --



Enter Details

Add Todo

8. Here in home page user can see all to-dos.

[Add](#) Todo

2021-04-29 21:38:00.0



[Update](#)

[Delete](#)

[Ads](#) sadf

2021-04-29 21:36:00.0



[Update](#)

[Delete](#)

[Java Report](#) Term paper resubmission

2021-04-29 21:36:00.0



[Update](#)

[Delete](#)

9. User can see detailed to-do

Java Report Term paper resubmission



- Here he can see information regarding email
- Here he can see whether the task is completed or not.
- Also can see whether it is active task or not.

Todo Description

Do it asap..

Todo Details

- Time: 2021-04-29 21:36:00.0
- This todo is yet to come in your mail.
- You have not done the task.
- This is an active task.

[Update](#) [Delete](#)

10. User can update to-do

Update Todo

We will remind you to do your task

H

*

CC

i

Do it asap.

📅
Active: ☒ Yes ☐ No

✅
Done: ☐ Yes ☒ No

Update Todo

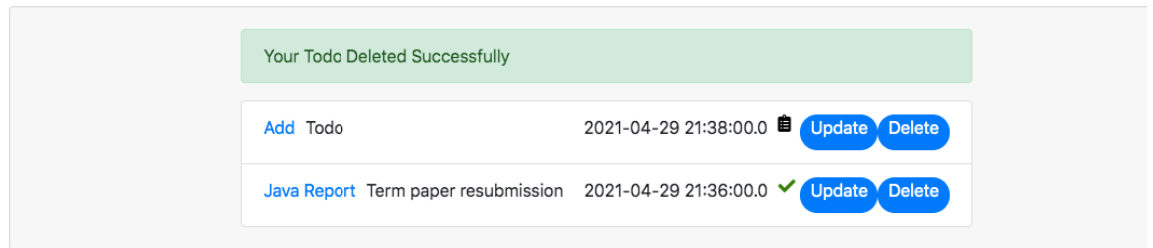
11. User can delete the to-do

a. As this todo is already schedule, it cannot get deleted.

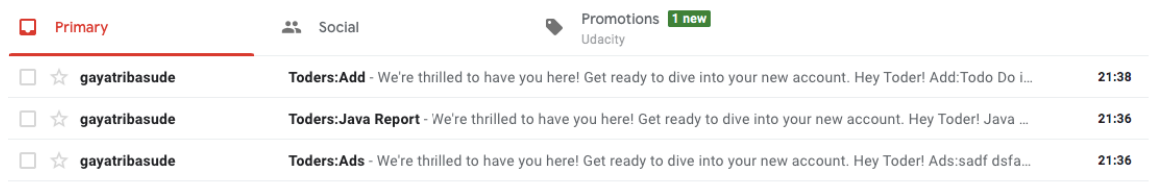
Todo cannot be deleted before scheduled time. Deactivate, if required

Add Todo	2021-04-29 21:38:00.0 📅	Update Delete
Ads sadf	2021-04-29 21:36:00.0 📅	Update Delete
Java Report Term paper resubmission	2021-04-29 21:36:00.0 📅	Update Delete

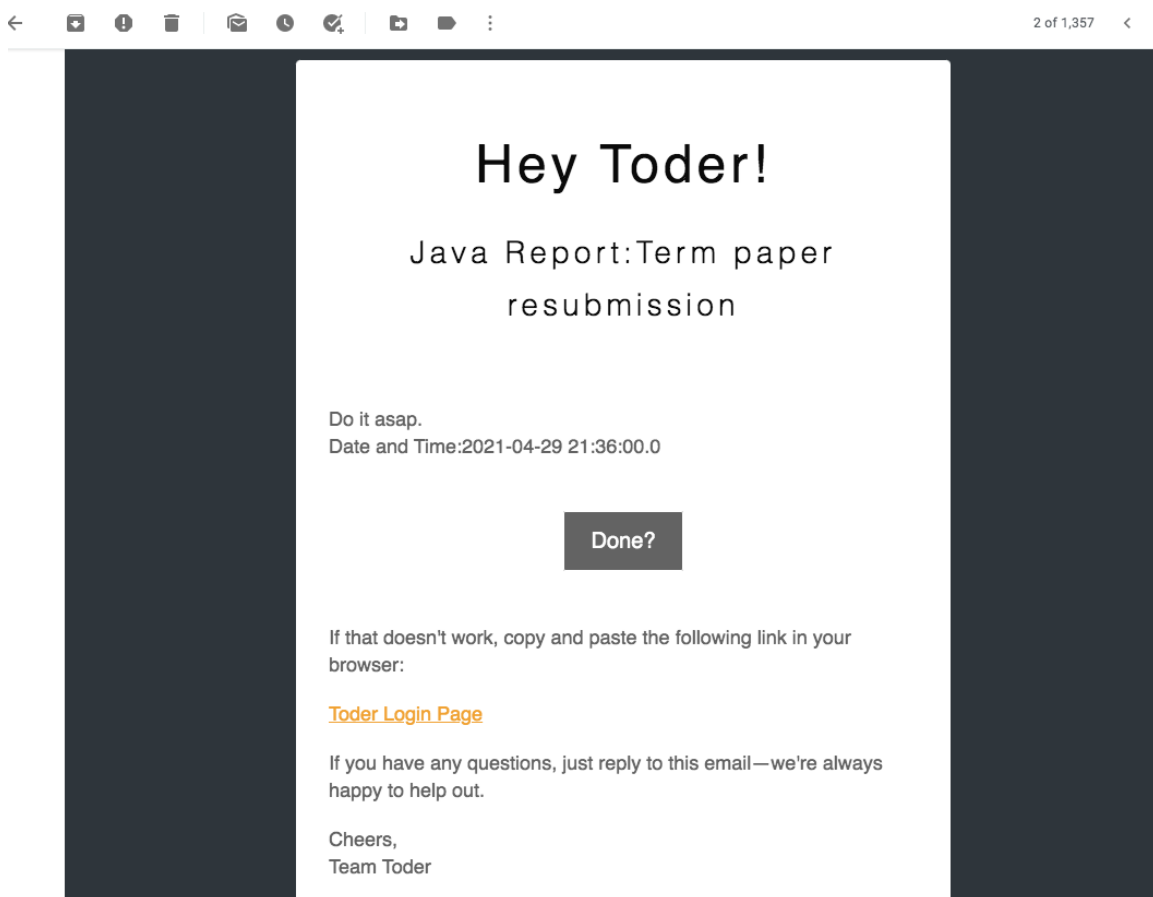
b. As time passes we can delete this in this manner.



12. As we had set time as ---, we can see user has gotten email of reminder of task.



13. From here user can update the current status of the task.



14. When we click on done we see this page:



Congratulations on completion of the [task](#)

[Home](#)


And done sign on list of todos

[Java Report](#) Term paper resubmission 2021-04-29 21:36:00.0  [Update](#) [Delete](#)

15. Logout (by clicking on nav button)

Successful Logged out

Login

 Login via Gmail

OR



basudegayatri@gmail.com



.....

Login

Want to have an account? [Register from here](#)

Forgot Password? [Go Here](#)

16. If user has forgotten the password, he can get the password through email.

Login


Want to have an account? [Register from here](#)

Forgot Password? [Go Here](#)

Click on Go Here, and enter your registered email

Forgot your Password?

Change your password easily by submitting your valid email address


 Email address

Submit

Want to login? [Log In](#)

Forgot your Password?

Change your password easily by submitting your valid email address

 basudegayatri@gmail.com


Submit

Want to login? [Log In](#)

Check your mails

Forgot your Password?

Change your password easily by submitting your valid email address





Submit

Want to login? [Log In](#)

Check your mails



Toders: Inbox x



gayatribasude@gmail.com

to me ▾

Toders: Get Your Password

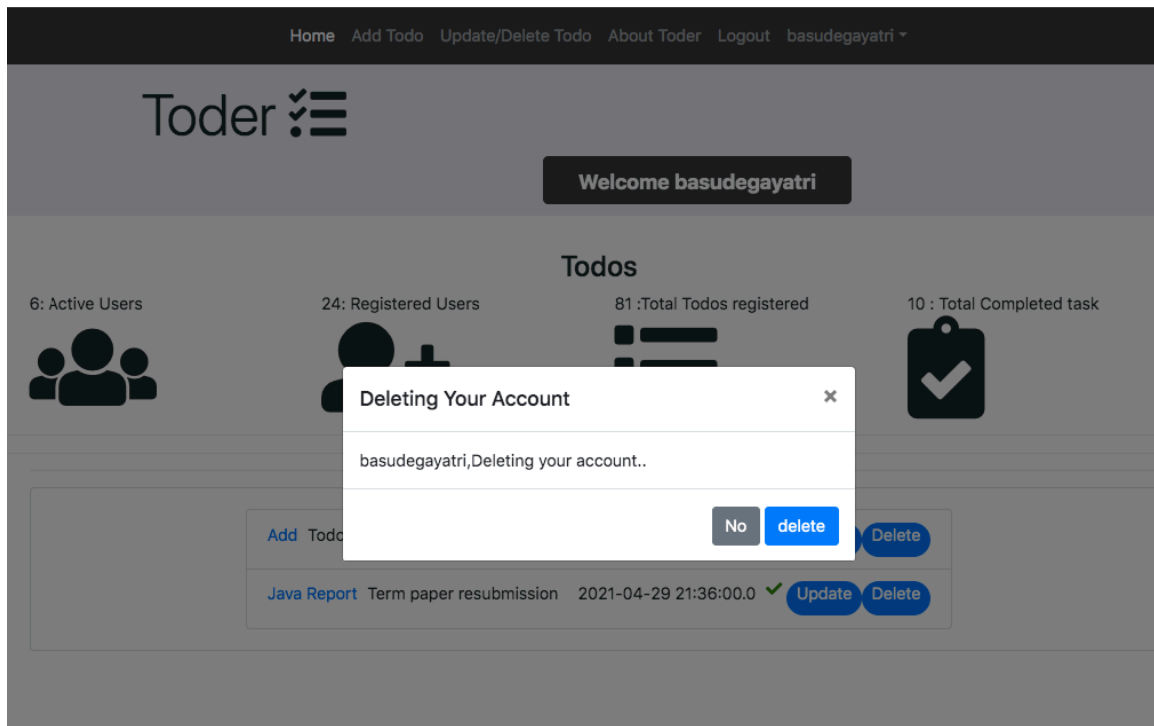
[Login](#)

Password: abcdef

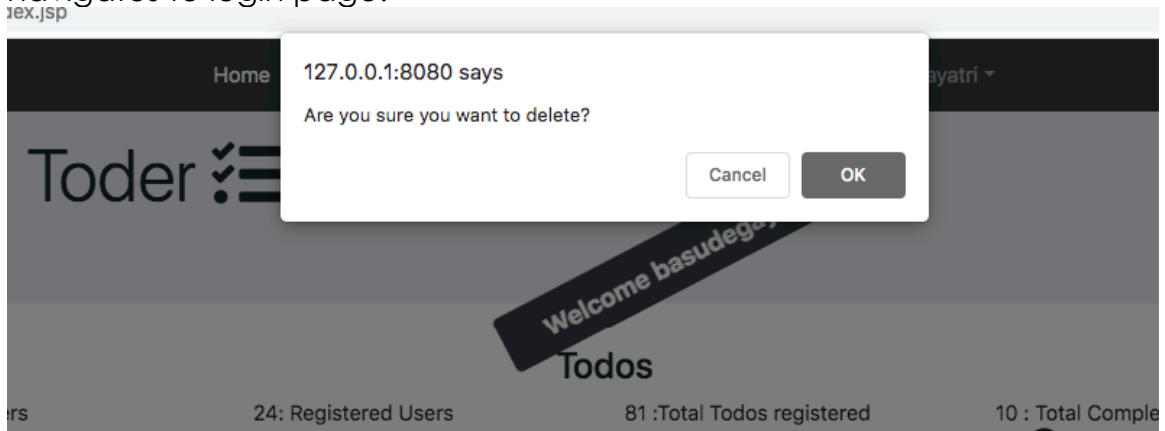
↩ Reply

➡ Forward

17. User can delete his account



Asking for conformation. if you click on Ok, it deletes the account and navigates to login page.



X. Future Enhancement

1. Search filters
2. Improvement in GUI
3. Easy change of status of todo.

XI. Reference

1. [mysql - Type mismatch: cannot convert from java.util.Date to java.sql.Date - Stack Overflow](#)

2. [How to convert java.util.Date to Mysql Date Format » the Open Tutorials](#)
3. [Has link with a URL referencing LocalHost or 127.0.0.1 | Sitebulb](#)