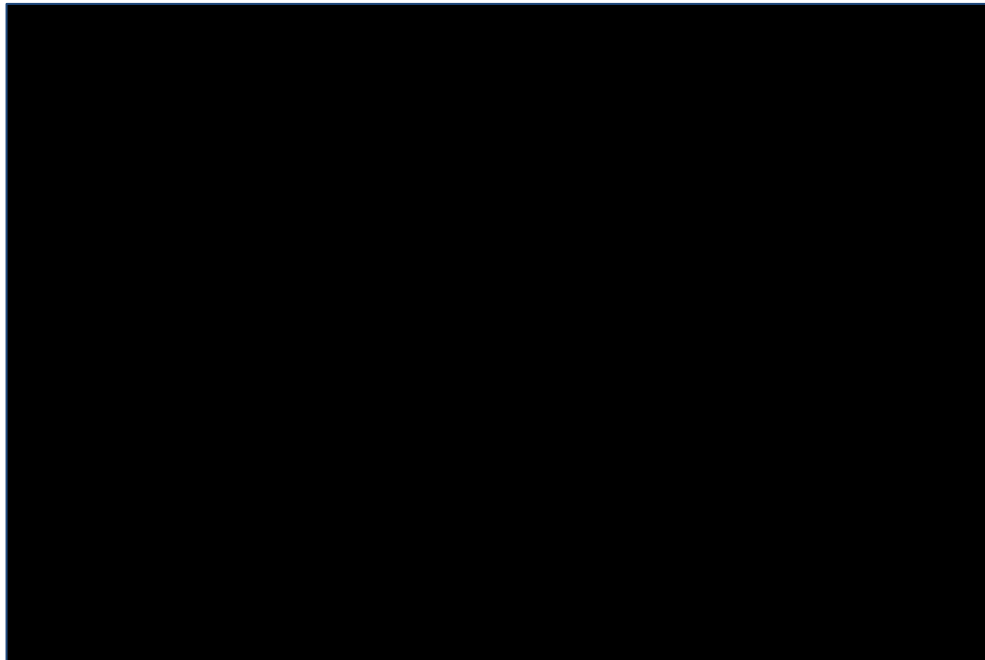




*Blue*

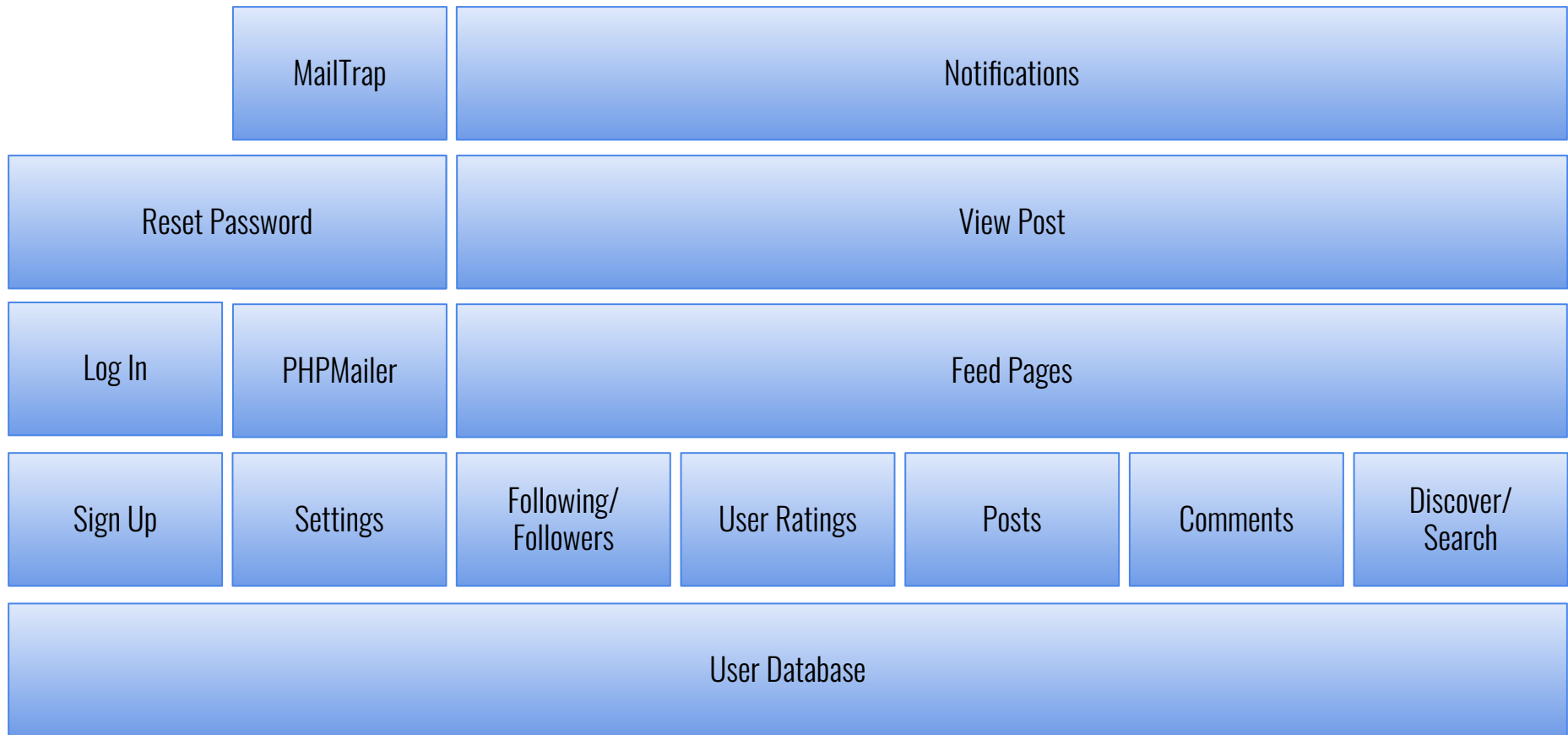
The World Through Your Lense



# Project Purpose

- Develop a social media platform to address the pain points of today's social platforms.
- Blu is a social media platform that is spam and influencers free. ( Post rate limit, Upvote/Downvote )
- Monetization will be achieved through ads and sponsors who share our key values.
- At Blu, users privacy is top priority and we will never collect user data. ( Minimal User Information )

# Overall Architecture



Layered Architecture of Blu

# Languages and Tools

- Rather than using a framework, we built the web-app from scratch
- Enabled us to fully understand what goes on
- MySQL, PHP, JavaScript, HTML, CSS
- Apache Web Server, MariaDB, MailTrap, PHPMailer



# Story Sample



[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

## About this issue

Story Point(s): 7

Priority: Low

Risk: Medium

# Story Sample (cont.)



[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

## Describe the Task

Input field for username and recovery email checks to see if the recovery email address exists for that username. Sends an email to the user with a verification button, which, when clicked, will bring the user to the New Password Page.

# Story Sample (cont.)



[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

## Exit Criteria

What should we expect once the task is complete:

1. When the user clicks on "Forgot Password", lands on Reset Password Page.
2. When the user enters username and recovery email address, SQL query to see if email address associated to username. If not, JavaScript DOM code will display one of two messages : 1) "No recovery email address is associated to this accounts" or 2) "Incorrect email address"
3. If email address is correct, user receives an email with verification button
4. When clicked, user lands on New Password Page

# Story Sample (cont.)



[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

## Acceptance Test

How to verify functionality:

1. On the Sign In page, click the link "Forgot Password" at the bottom of the page.
2. Check that you land on Reset Password page
3. Enter an invalid email address (missing "@" or includes invalid symbols like "/" )
4. When you press submit, you should see a pop-up saying the email format is invalid
5. Enter a valid email that is not found in the database
6. When you press submit, a message should appear saying no account is associated with that email address
7. Enter a valid email address that is in the database



# Story Sample (cont.)



[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

7. Enter a valid email address that is in the database
8. The page should be cycling and eventually a message saying an email has been sent should appear.
9. Check the MailTrap inbox. An email sent to the email address you entered should appear.
10. Click on the "Reset Password" link in the email.
11. You should land on the New Password page.
12. Try entering various passwords (one that doesn't meet the restrictions, make the two passwords not match, and then finally a good password). You should see corresponding messages appear when there is an error.

# Story Sample (cont.)

 Closed

[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

13. Once a valid password has been entered, you should land on the homepage, and the entry for password within the database should have been updated.

# Story Sample (cont.)

 Closed

[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

## Additional Info

Linked to issue [#46](#), [#61](#), [#62](#), [#63](#), [#64](#), [#85](#), [#86](#), [#88](#)

 This was referenced on Jan 31

[DEVWORK]:[Check DB to see if Recovery Email Address Associated to User] #61

 Closed

[DEVWORK]:[Sending Email to User (Verification Process)] #62

 Closed

[DEVWORK]:[Updating New Password in DB] #63

 Closed

[DEVWORK]:[Set up Session to store User info during Sign In/Sign up Process] #64

 Closed

# Story Sample (cont.)



**AlyaNaseer** commented on Feb 14

Collaborator

Author



Instead of checking email address associated to account based on username, will just search DB to see if that email address exists. So one of two JavaScript messages will be displayed: "Email address provided is not associated to an account" or something along the lines of "An email has been sent. Please make sure to verify your Spam folder"

# Story Sample (cont.)

 Closed

[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

## Assignees



AlyaNaseer

## Labels



User Story

# Story Sample (cont.)

 Closed

[DEVWORK]:[Back-End - Reset Password Page] #58

AlyaNaseer opened this issue on Jan 31 · 1 comment

Milestone



Sprint 3

Linked pull requests



Successfully merging a pull request may close this issue.

 [Alya/reset password page](#)

# Lesson Learned

- Using a framework could have saved some time and work
- Documentation (story points, risk & priority, etc.) should be ongoing and established early
- Importance of respecting coding conventions (OO design, naming conventions, etc.)
- GitHub is not the most efficient tool for organizing work (issues, stories, etc.) but is a great source control platform

# Final Thoughts

- This project taught us a lot about working with databases
- Experience Full Stack Development
- Working with new tools (Travis CI, MailTrap, etc.)



# Final Summary & Conclusion

- Develop Blu into a site which focuses on reduced spam and increased privacy.
- For the future we plan to:
  - Add security measures to protect user data.
  - Refine our posting rate criteria.
  - Implement a functional Search bar.
  - Implement a “Trending” feature.

# Questions?

