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# BATALOG

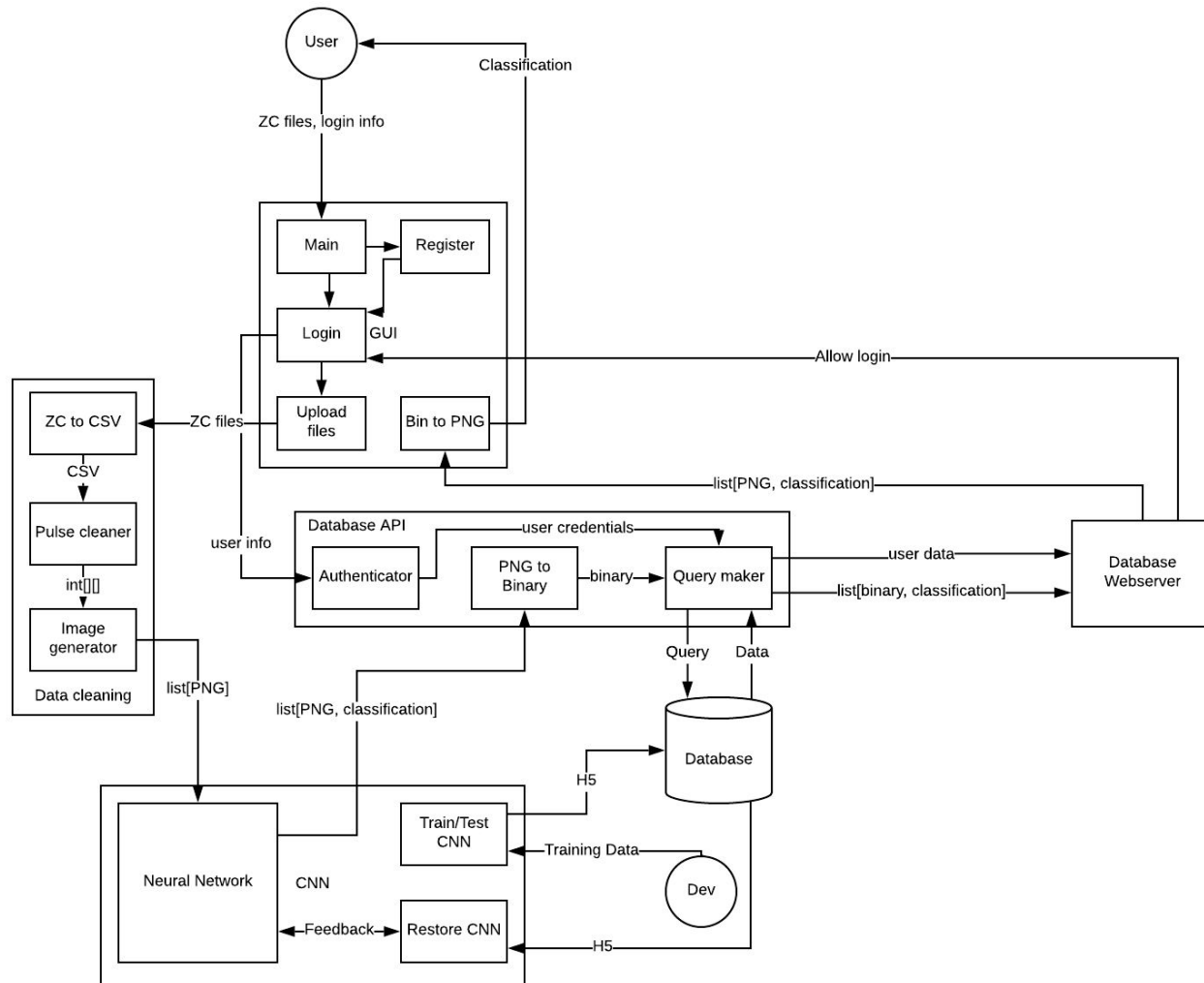
## Progress Report #2.3

### Group Members:

Hadi S. (h\_soufi) | David M. (dlmassey)  
Rahim I. (r\_iqbal) | Kevin K. (knkeomal)  
Thien L. (t\_le)



# Overall System Model





# Signup Form

Username:  Required. 150 characters or fewer. Letters, digits and @/./+/\_ only.

First name:

Last name:

Email:


Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation:  Enter the same password as before, for verification.


# SignUp, Login, and Logout


Bat Echolocation Data

Signup Login 


## Members

Hadi Soufi, Thien Le, Kevin Keomalaythong, David Massey, Rahim Jawaid (Yang Peng, Bety Rostandy)







Bat Echolocation Data

Hi Rahim! Logout 

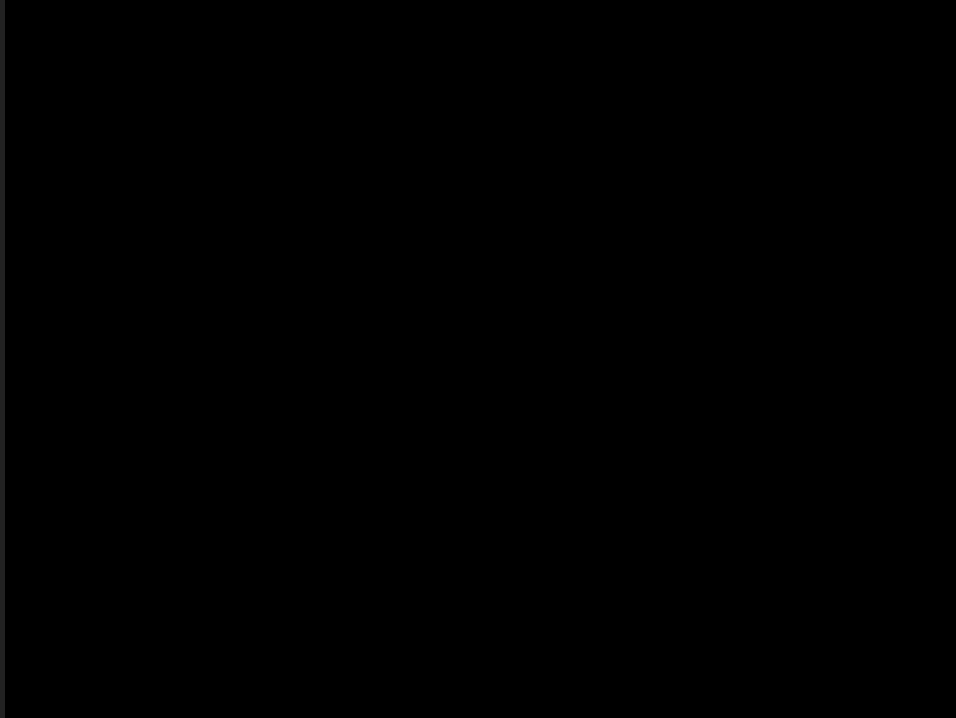
## Our Goals

Extraction, Clustering and Classification





# User signup, and login demo and user validation



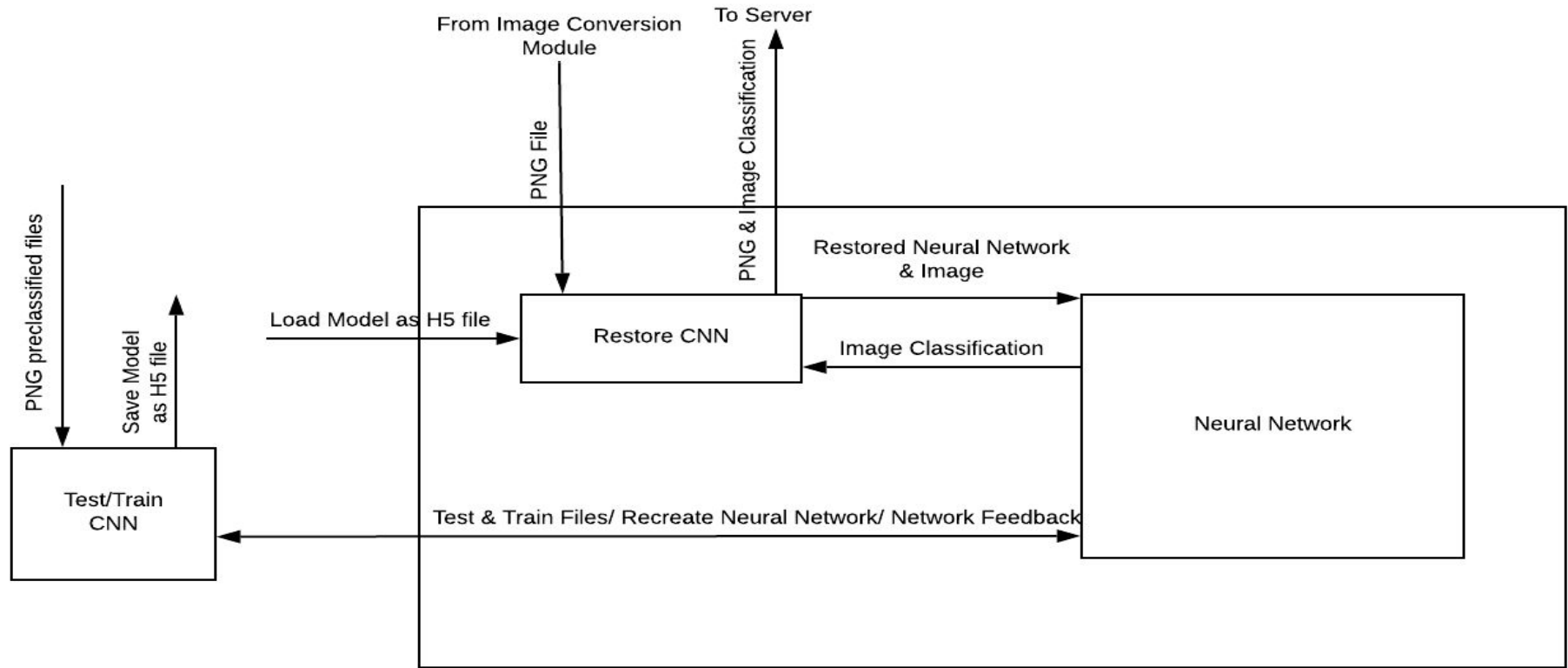
The screenshot shows a web browser window with the address bar displaying 'localhost:8000/signup'. The page title is 'Signup Form'. The form contains the following fields and labels:

- Username:**  Required. 150 characters or fewer. Letters, digits and @/./+/-/\_ only.
- First name:**
- Last name:**
- Email:**  john@acme.com
- Password:**
- Password confirmation:**  Enter the same password as before, for verification.

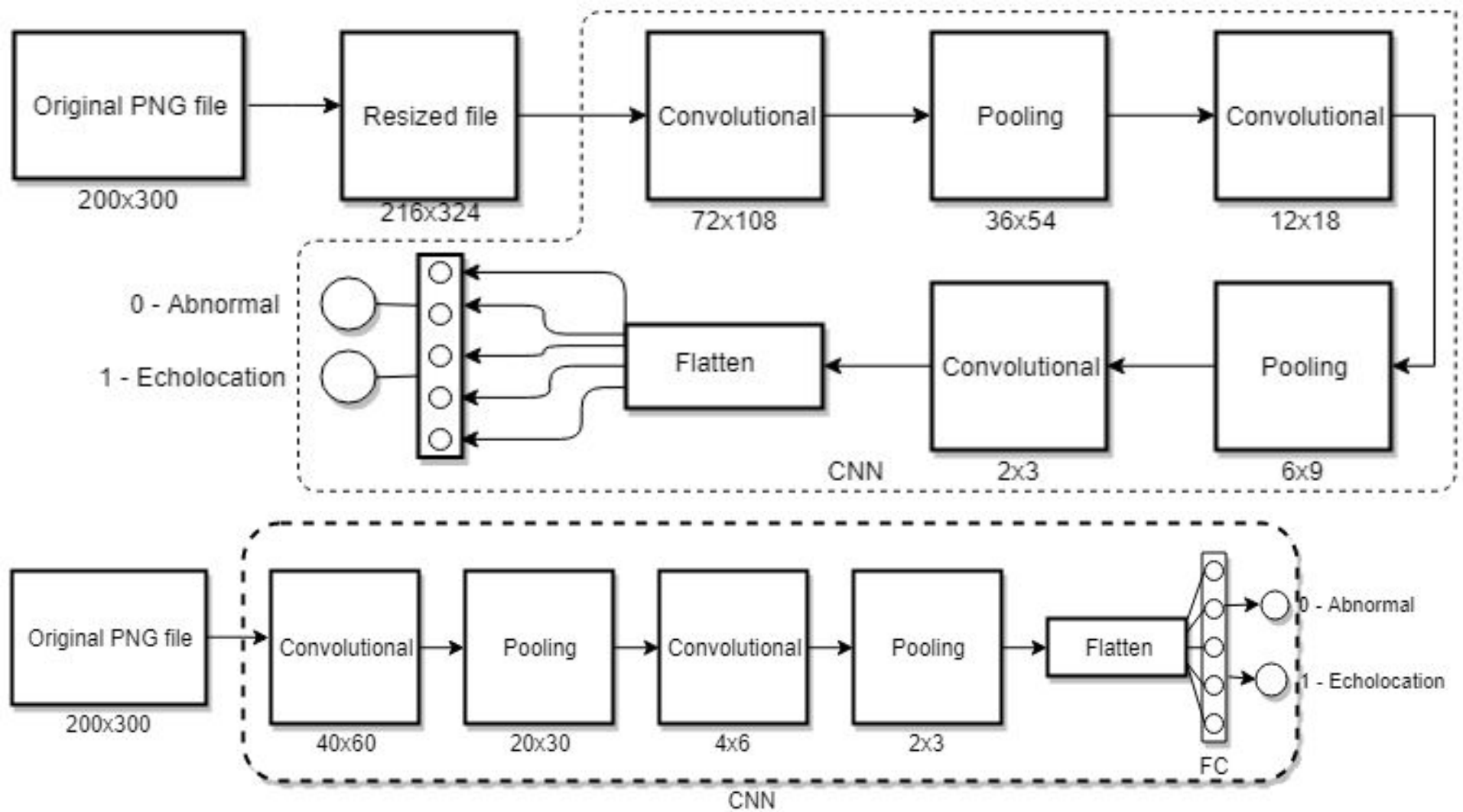
Below the password fields, there are three bullet points indicating password requirements:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

At the bottom of the form, there are two buttons: 'Submit' and 'Reset Form'.



- Created Restore CNN function to work with a single image and array of images
- Recreated Test/Train CNN to work with an array of images & caused OOM error
- Continued to test CNN models to increase accuracy



# Database API Progress

## Command-line testing

- DB API output →
- Handling PNG images
- Later on: working with actual tables in DB; handling user reg info

## Django's intrinsic DB API

- models.py → tables
- Python shell w/in cmd
- Possible incorporate my API?

```
0  INSERT INTO Images VALUES (P6242138_0.png, b'\...
1  INSERT INTO Images VALUES (P6242138_1.png, b'\...
2  INSERT INTO Images VALUES (P6242138_10.png, b'\...
3  INSERT INTO Images VALUES (P6242138_11.png, b'\...
4  INSERT INTO Images VALUES (P6242138_12.png, b'\...
5  INSERT INTO Images VALUES (P6242138_13.png, b'\...
6  INSERT INTO Images VALUES (P6242138_14.png, b'\...
7  INSERT INTO Images VALUES (P6242138_15.png, b'\...
8  INSERT INTO Images VALUES (P6242138_16.png, b'\...
9  INSERT INTO Images VALUES (P6242138_17.png, b'\...
10 INSERT INTO Images VALUES (P6242138_18.png, b'\...
11 INSERT INTO Images VALUES (P6242138_19.png, b'\...
12 INSERT INTO Images VALUES (P6242138_2.png, b'\...
13 INSERT INTO Images VALUES (P6242138_20.png, b'\...
14 INSERT INTO Images VALUES (P6242138_21.png, b'\...
15 INSERT INTO Images VALUES (P6242138_22.png, b'\...
16 INSERT INTO Images VALUES (P6242138_23.png, b'\...
17 INSERT INTO Images VALUES (P6242138_3.png, b'\...
18 INSERT INTO Images VALUES (P6242138_4.png, b'\...
19 INSERT INTO Images VALUES (P6242138_5.png, b'\...
20 INSERT INTO Images VALUES (P6242138_6.png, b'\...
21 INSERT INTO Images VALUES (P6242138_7.png, b'\...
22 INSERT INTO Images VALUES (P6242138_8.png, b'\...
23 INSERT INTO Images VALUES (P6242138_9.png, b'\...
```

## Live server

### UNCG Virtual Server

- Reliable
- Payment plans
- Project appropriate

### Personal server

- Inexpensive
- Flexible
- High maintenance

### Web-Hosting Company

- Get what you pay for
- Research important
- Powerful features

### Requirements

1. 24/7 live access
2. >10GB of storage
3. Low end specs



# Scrum Sprint 6



## Completed Issues and Pull Requests

Story points

🔔 **Diagram CNN implementation** 5  
Bat\_Echolocation\_2019 #4 III Closed 🚩 Sprint 6

🔔 **Discuss project plans for Sprint 6** 10  
Bat\_Echolocation\_2019 #37 III Closed 🚩 Sprint 6

# Scrum Sprint 7

## Sprint 7

Start **Mar 8, 2019** [Change](#) Due by **Mar 14, 2019 - Due today** [Change](#)

Labels ▾

Hide Pull Requests

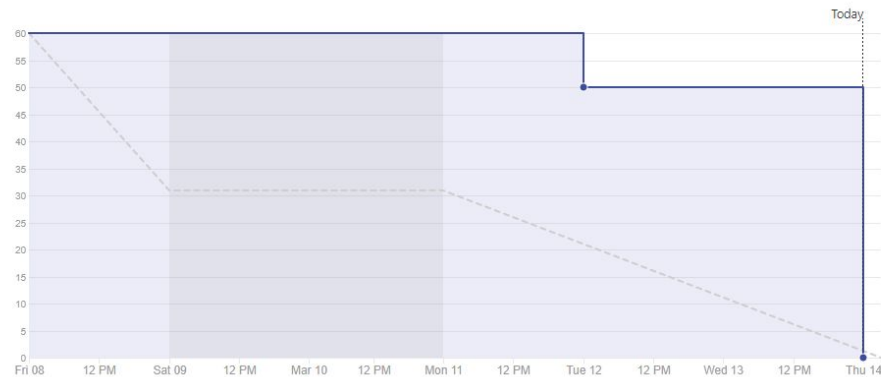
Burn Pipelines ▾

### Burndown report

Weekends

Ideal

Completed



### Completed Issues and Pull Requests

Story points

<b>File Analysis Stage 2(File Manipulation)</b> Bat_Echolocation_2019 #38 III Closed ↗ Sprint 7	5
<b>Meet with Dr. Han Li</b> Bat_Echolocation_2019 #43 III Closed ↗ Sprint 7	10
<b>Facilitate meeting between Drs. Mohanty and Li</b> Bat_Echolocation_2019 #44 III Closed ↗ Sprint 7	10
<b>Meet with Dr. Mohanty to discuss CNN</b> Bat_Echolocation_2019 #45 III Closed ↗ Sprint 7	15
<b>Group Meeting 2019-03-12</b> Bat_Echolocation_2019 #51 III Closed ↗ Sprint 7	10
<b>Have Django web app prototype working on Windows machine</b> Bat_Echolocation_2019 #53 III Closed ↗ Sprint 7	10

### 60 Total Story Points

60 Completed / 0 Remaining

### 6 Total Issues and Pull Requests

6 Completed / 0 Remaining

**Thank you!**



**Group Members:**  
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**Thien L.** (t\_le)

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# **BATALOG**

## **Progress Report #2.3**