B.R.A.D USER MANUAL

Bot to Report Abusive Domains

Welcome to B.R.A.D (Bot to Report Abusive Domains), a web-based platform developed to empower users in identifying and reporting malicious or suspicious websites. B.R.A.D combines artificial intelligence and human investigator analysis to evaluate potentially harmful domains and protect the digital community. This user manual guides you through all the features and functionalities of B.R.A.D in an accessible and user-friendly way. Whether you are a Reporter, Investigator, or Admin, this manual outlines how to navigate the system effectively

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Introduction to B.R.A.D

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Welcome to B.R.A.D.

Protecting users from malicious websites through intelligent URL inspection and risk assessment.

Get Started

Landing Page

When users visit the B.R.A.D homepage, they are greeted with a clean, modern interface including:

- B.R.A.D logo and name prominently displayed.
- Navigation links at the top right:
- *Help Menu*: Guides and FAQs tailored for each user role.
- *Contact*: Info on how to reach the support team.
- *Register*: For new users to create an account.
- *Login*: Redirects to the login page.

Visit the landing page to learn more about B.R.A.D

- Statistic section to give the user more insight into
  - The average analysis speed of our bot
  - The average investigator response time to complete their manual review
  - The accuracy rate of our AI bot
  - The number of reports processed and successfully analyzed.

Disclaimer: these are average times and percentages, to give our users an estimation but should not be expected.

Login and Registration

If you already have an account with B.R.A.D, log in to your account by filling in your username and password.

Don't have an account yet?

No problem, click on Register to create an account as a general user and then log in with your new credentials.
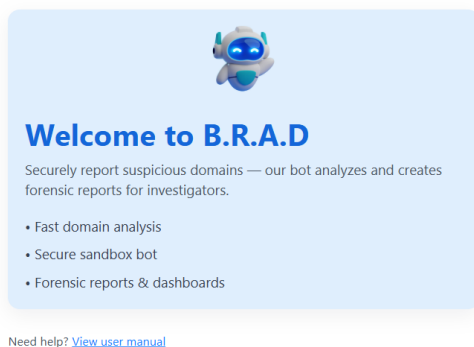
- Make sure you don't have an account with the email you are using seeing as we only allow one account per email address.

- Both password and confirm fields must contain the exact same password to continue.

Password Reset and Change

- Reset Password:
  - o Available on the login screen.
  - o Users enter their registered email to receive a reset link.

- Change Password:
  - o Accessible through the user settings panel after login.
  - o Requires the current password and the new password.

Access denied

Why am I receiving this error?

When a user tries to access a page without the proper login details this Access denied page will appear to let them know they don't have the right log in details to access that page and redirect them to login.

Access Denied

Sorry, you don't have permission to view this page.

Go to Login

Reporter Dashboard

After logging in, users with the Reporter role are directed to the Reporter Dashboard where they can see all their previous reports and have easy access to their user settings.

Report History:

- o View all previously submitted reports and filter them according to status.

View Analysis:

Once the report is reviewed by the Investigator, users can view the complete analysis, including the AI bot's evaluation, risk score, and final verdict.

Submit a Report:

- o Report a suspicious domain.
- o Optionally upload evidence (screenshots, PDFs, or documents).
- o Click "Submit" to send the report.
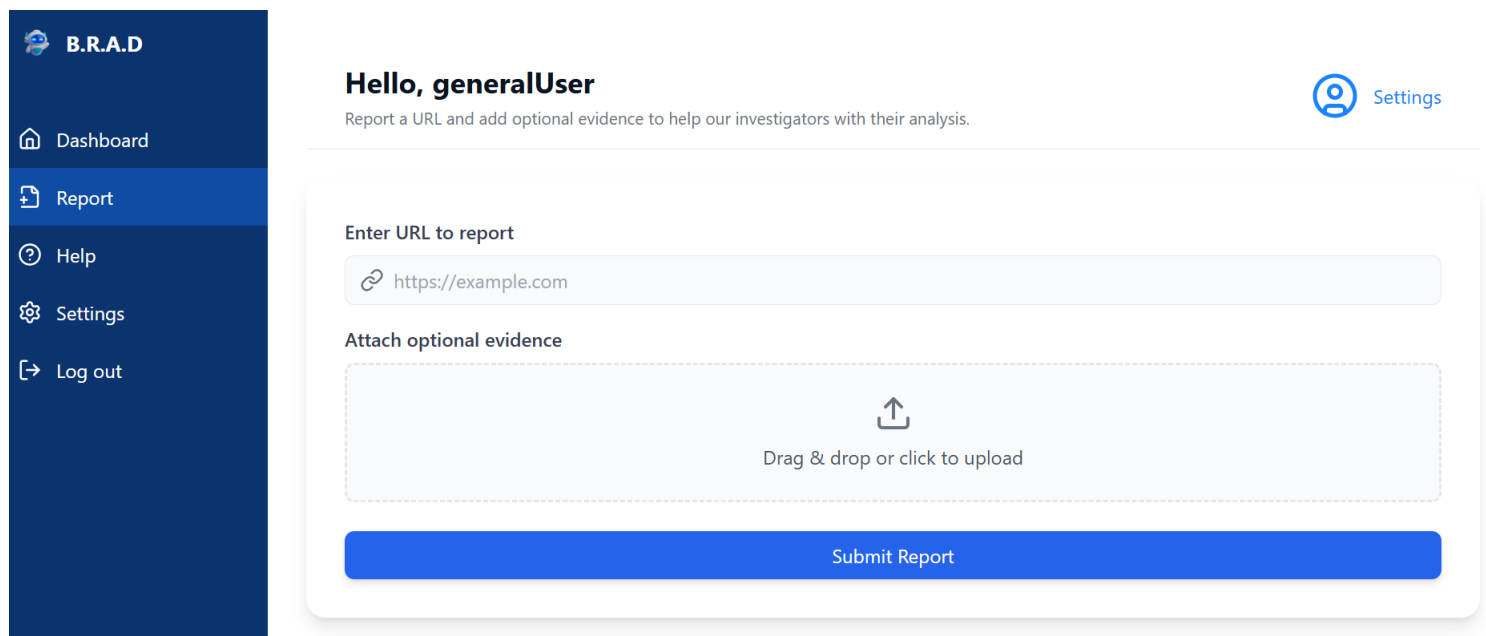
User Settings (All Users)

- Accessible from any dashboard (Reporter, Investigator, Admin).
- Features:
  - **Change Password:** Update credentials.
  - **Update Profile:** Modify username, name, last name and email.

Switch between light mode and dark mode.

Help Menu

Each role has a dedicated FAQ and help section:

- **Reporter Help Topics:**
    - How to submit a report.
    - Importance of evidence.
    - Tracking your report status.
- **Investigator Help Topics:**
    - How to review reports.
    - Understanding bot's analysis.
    - Using optional evidence.
- **Admin Help Topics:**
    - Adding and removing users.
    - Managing roles securely.
    - What permissions admins have.

Each help section includes a **search bar** to filter FAQs and common questions.

Hi, how can we help?

Search FAQs...

This page is here to help you understand how to use B.R.A.D., submit reports, and troubleshoot any issues. Use the search bar above to filter questions or scroll through our frequently asked topics.

cos301.cap2@gmail.com   View GitHub Repo   Open User Manual

What is B.R.A.D.?

B.R.A.D. (Bot to Report Abusive Domains) is a platform that allows users to report suspicious URLs. The system uses AI-based and human investigator analysis to determine the risk level of submitted websites.

Investigator Dashboard

Users with the Investigator role land on the Investigator Dashboard.

- On the dashboard are a few statistics and graphs to help the investigators have a better understanding of report submission history.
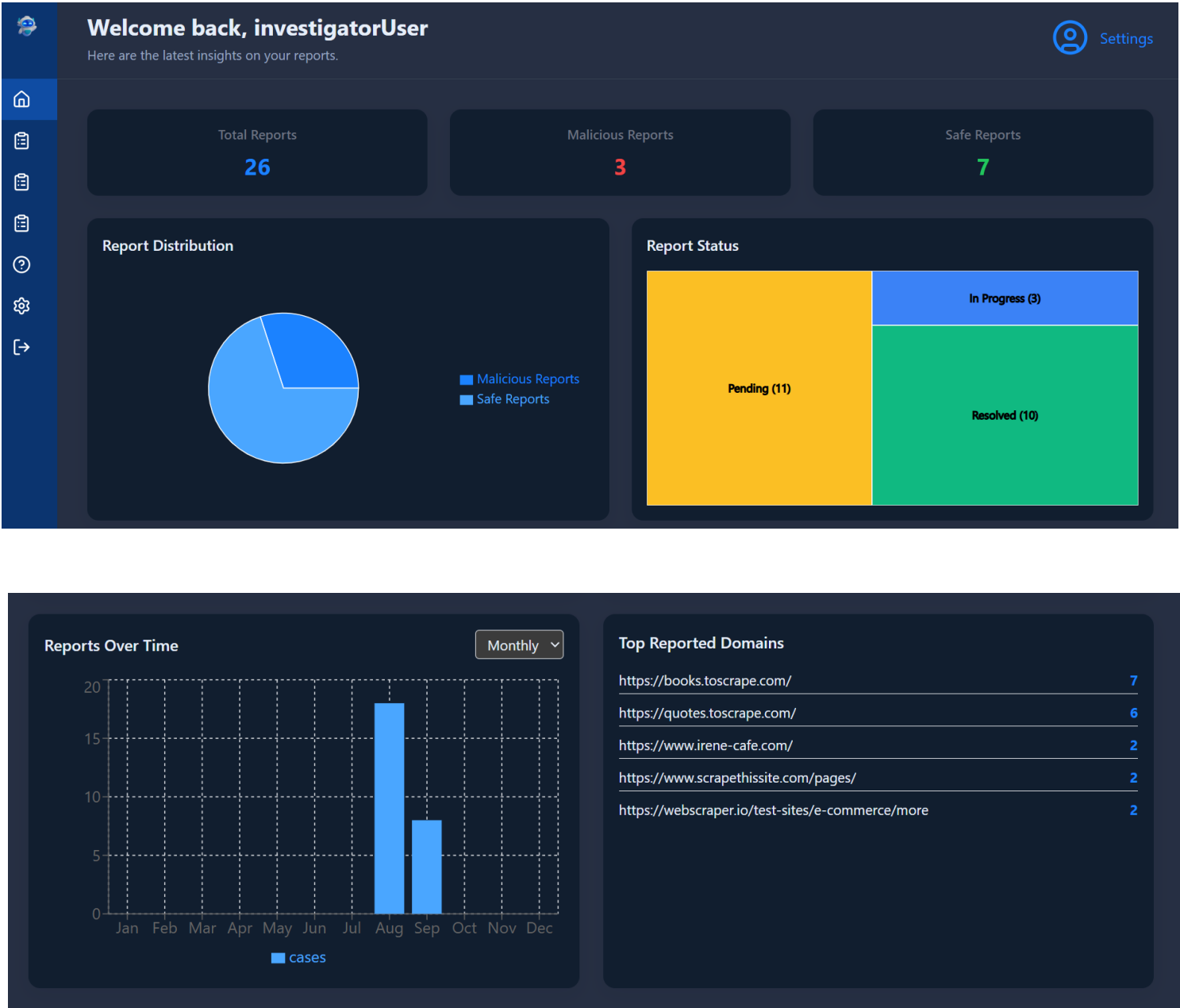
Pending reports:

View all report that are still awaiting revision.

- Investigator will be able to see the domain reported, status of the report and that no investigator has been assigned to the report.
- If the investigator would like to analyse the report, they need to claim the report and continue their investigation in the "in progress" section and view more detail about the bot's analysis.
- Only an investigator that has claimed a report will be able to make a verdict.

In

Progress Reports

After the investigator has claimed the report, it is moved to In Progress Reports where the investigator can see a more detailed analysis of the report to make it easier to analyse the report and make a verdict.

- **Detailed Report Analysis Modal:**
  - **Evidence Section:** View uploaded evidence.
  - **Bot Analysis:** Includes risk score, malware detection, IP address, registrar, SSL validity, and more.
  - **WHOIS and DNS:**
    - Toggle views for raw WHOIS data and DNS records.
  - **Scraping Info:**
    - Structured Info: headings, links, forms, and red flags.
    - Crawled Links: URLs discovered through scanning.
    - Raw HTML: Full HTML source of the domain.
    - Screenshot: Captured image of the domain.
  - **Decision Buttons:** Mark report as "Malicious" or "Benign".

The reporter who claimed the report is able to view the bot's full analysis of the report, use all the information to make a decision and mark the report, other investigators are able to view in progress reports but not able to make a decision.
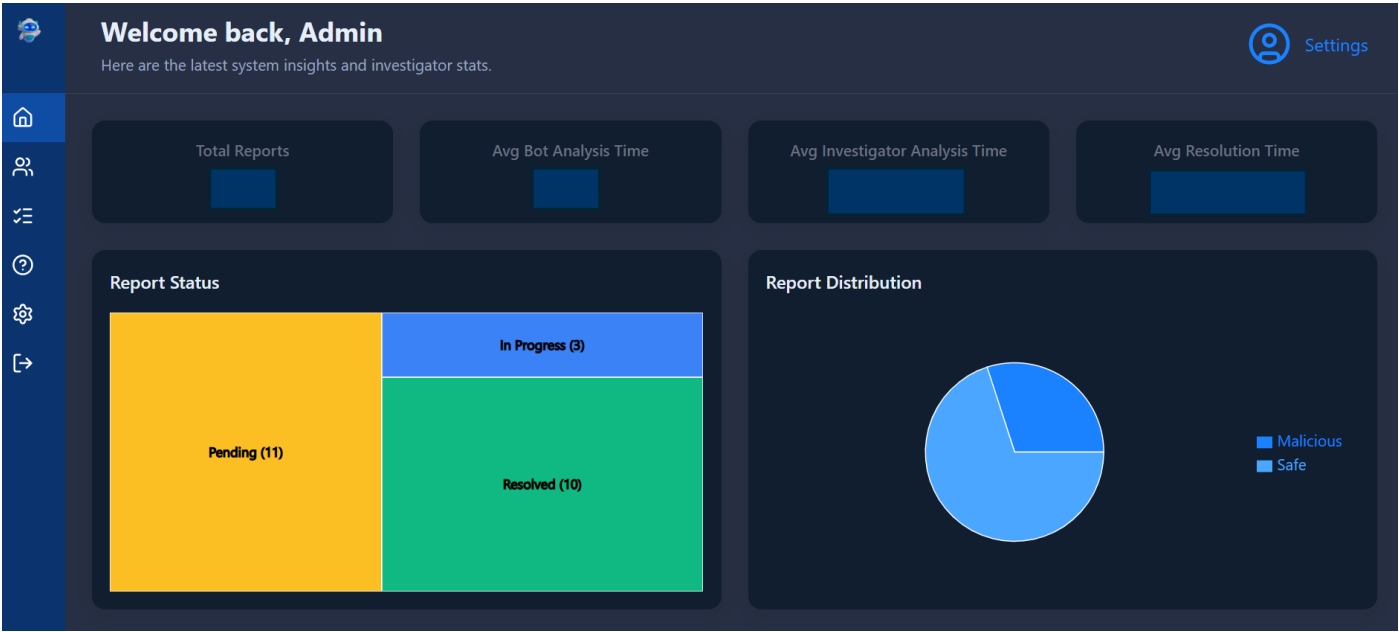
Reviewed Reports:

Section where investigators can view all reports that have been resolved as well as their analysis.

Admin Dashboard

View admin statistics about average bot, investigator and overall resolution time across the system as well as other insights to investigator analysis and top domains reported.

Admins can manage user roles and perform account management.

Main Features:

Create User:

- o Enter email and username: The system sends an OTP and a setup link to the user.

Add new user steps:

- Admin creates new user by filling in all the user information
  - User can't exist already
  - Username and email must be unique
- User receives an email with link to change their password
  - User will receive a onetime pin to change password
  - User can't log in with one time pin
  - User must enter one time pin, new password and confirm password and will then be redirected to login with their new password

Manage User Roles:

  - View a list of all users.
  - Change user roles (Reporter, Investigator, Admin).
  - Remove users (except Admins).

Admin view all reports

Admin users are able to view all reports that have been submitted and their statuses , admin users are not able to change the report status by claiming it or making a verdict but only view.