



BotBlocker

Your Voice Matters. Don't Let AI Drown It Out

Checkpoint 3

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PROJECT OVERVIEW





BotBlocker is a browser extension and website
that uses community intelligence to identify and
block automated social media profiles.

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PREVIOUSLY IMPLEMENTED FUNCTIONALITIES

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Create Account

Username: udo3

Email:

Create Password:

Confirm Password:

Sign Up

Already have an account? [Log In](#)

Why do you think this profile is AI?

Inconsistency

Unnatural posting patterns

Lacking quality and uniqueness

Lack of engagement

Other

Submit

✓ You are currently logged in

Logout

BotBlocker  

Visit our website for more details on this account.

 X UTDTrey 

0.00% chance of being AI (0 votes)

Is this profile AI?

Yes **No**

✓ You are currently logged in

Logout

BotBlocker 

Blocked accounts on your timeline

Manually Blocked

 @UTDTrey 0% chance of being AI

BotBlocker 

Blocking Settings

At what percentage do you want accounts to start getting blocked?

Block accounts verified such as:

AI

Without verification

Save Changes

BotBlocker 

Your Blacklist

X account	Profile	Motive	Status	Actions
@BBCWorld	minecraft	51 votes in 5 minutes	To Solve	
@UTDTrey	carlos2077	31 votes in 1 minute	To Solve	
	elonmusk	203 votes in 5 minutes	In Progress	

BotBlocker  HOME UNDERSTAND BOTS CONTACT ADMIN DASHBOARD  

Anomalies

Verify

Profile	Motive	Status	Actions
minecraft	51 votes in 5 minutes	To Solve	
carlos2077	31 votes in 1 minute	To Solve	
elonmusk	203 votes in 5 minutes	In Progress	

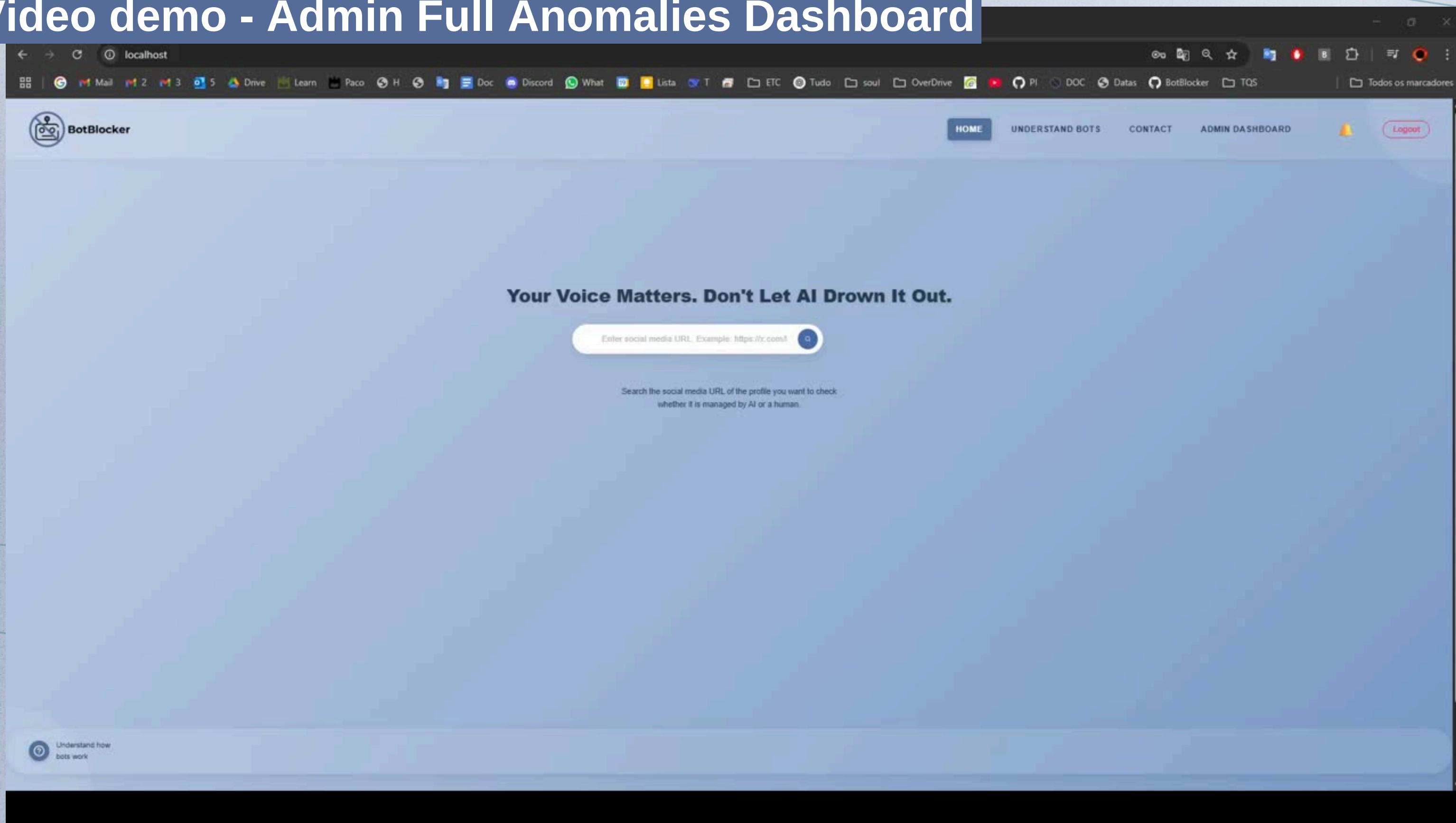
NEWLY IMPLEMENTED FUNCTIONALITIES

Video demo - Full Instagram Implementation + Blur/Remove Feature

The screenshot shows a web browser displaying the Instagram homepage at <https://www.instagram.com/detuaveiro/>. The left sidebar includes links for Página inicial, Pesquisa, Explorar, Reels, Mensagens, Notificações, Criar, Perfil, and Mais. The main content area features a 'Para ti' feed with posts from 'aettua', 'desporto...', and 'detiuaveiro'. A large central image is a profile card for 'detiuaveiro' (DETI), showing 104 publicações, 1718 seguidores, and 27 a seguir. Buttons for 'Enviar mensagem' and 'A seguir' are visible. To the right, a sidebar lists 'Sugestões para ti' with profiles for 'botblockerpi', 'portman_47', '_marcos42_', 'instagram', 'eduardosantoshf', and 'rafaela_dias54', each with a 'Seguir' button. The bottom right corner contains links for Sobre, Ajuda, Imprensa, API, Empregos, Privacidade, Termos, Localizações, Idioma, and Verificação Meta, along with the copyright notice © 2025 INSTAGRAM FROM META.

NEWLY IMPLEMENTED FUNCTIONALITIES

Video demo - Admin Full Anomalies Dashboard



PROJECT CALENDAR

10/02 - 17/02	18/02 - 24/02	25/02 - 03/03	04/03 - 10/03
<p>Project Foundation & Documentation Setup</p> <ul style="list-style-type: none"> • Use Case Diagram (JC, JV, Â) • GitHub Repository Organization (H) • Setup Documentation Website (AR, H) 	<p>Project Planning and Framework</p> <ul style="list-style-type: none"> • Project Calendar Creation (*) • Jira Project Setup (Â) • Project Presentation Preparation (*) • Definition of Context and State of the Art (JV) • High-Level Architecture Design (JC) 	<p>Requirements & UX Design</p> <ul style="list-style-type: none"> • Requirement Gathering (*) • Functional Requirements (JV) • Non-Functional Requirements (Â) • Define Personas and Scenarios (JC) • Develop the mockups (AR, H) 	<p>System Modeling</p> <ul style="list-style-type: none"> • Refine the state of the art (JV) • Technological Model (*) • Define the Domain Model (JC) • Make the Deployment Diagram (JC) • Presentation (*)
11/03 - 17/03	18/03 - 24/03	25/03 - 31/03	
<p>Extension Initiation and Database Setup</p> <ul style="list-style-type: none"> • Dockerize the project (H) • Database Configuration and Setup (Â, JC) • Extension Initialization and Configuration (Â, JC) • Development of Extension Popup Frontend (AR) • Backend API Implementation for Popup Interaction (JV) 	<p>Interface Development & API Integration</p> <ul style="list-style-type: none"> • Development of the extension interface and the user website (JC, H) • Develop the frontend for the verifier interfaces (AR) • Continue Implementation of RESTful API (JV, Â) 	<p>Blocking & Filtering System Development</p> <ul style="list-style-type: none"> • Develop the block system (JC, H, JV) • Develop the filtering / blacklist management (AR, Â) 	

PROJECT CALENDAR

01/04 - 07/04	08/04 - 14/04	15/04 - 21/04	22/04 - 05/05
Presentation and refinement <ul style="list-style-type: none">• Presentation (*)	Continue developing the block and blacklist management system	Finalize the block and blacklist management	Admin Interface & API Enhancement <ul style="list-style-type: none">• Develop the frontend of the admin interface• Continue Implementation of RESTful API
06/05 - 19/05	20/05 - 26/05	27/05 - 02/06	
Improving upon the filtering techniques		Demo + poster for students@deti & video <ul style="list-style-type: none">• Poster• Video• Demo• Finish technical report (*)	
		Final presentation <ul style="list-style-type: none">• Work on presentation (*)	

Thank you!

<https://botblocker-pi.github.io/Documentation/>



The screenshot displays two pages of the BotSentinel Documentation website:

- Home Page:** Features a large banner with the text "Your Voice Matters. Don't Let AI Drown It Out" and "Take Control of Your Online Space." Below the banner, there is a paragraph about the platform's mission to identify AI-managed accounts and ensure genuine interactions. To the right, there is an illustration of a white humanoid robot sitting at a laptop with a speech bubble above it.
- Milestones Page:** Shows a navigation menu with "Milestones" selected. Under "Milestones," four items are listed: "MS1 - Inception Phase," "MS2 - Elaboration Phase," "MS3 - Construction," and "MS4 - Transition." Each item has a small icon and a link to its respective page. Below the milestones, there are three cards: "Trust the Internet Again" (with a shield icon), "Community-Based Ratings" (with a people icon), and "Flexible Blacklist Control" (with a list icon). At the bottom of the page, there is a section titled "Background Objectives Benefits" with a brief description of the project's purpose and history.

