

Streamlit Application Overview: TTS Webapp

High-level Overview

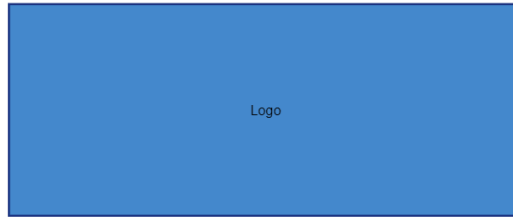
V0

Developer Overview

- 8 pages but 2 are blanks and 1 will has working code
 - Login
 - Username and password authentication with database support
 - Main
 - Keywords
 - Table output of a list of keywords. CRUD support is required
 - Description Search
 - *Working code available – no need to develop unless consultant thinks additions are necessary*
 - Tracker Output
 - Table output with virtual column support to input to database and Tacker Input
 - Tracker Input
 - Portfolio
 - placeholder just a blank or temp page
 - Admin
 - placeholder just a blank or temp page

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Login



Login

Username
Text box

Password
Text box

Login

Login(Details)

Details:

Authentication should fetch data from postgres database

Passwords should be hashed and follow similar logic within:

- <https://www.youtube.com/watch?v=eCbH2nPL9sU>
- <https://github.com/Sven-Bo/streamlit-sales-dashboard-with-userauthentication-database>

Entries within table should have a primary key, a username, a password, and an access level.



Login

Username
Text box

Password
Text box

Login

Details:

Authentication errors should send a warning message to the user

Errors should be logged to session data

Main

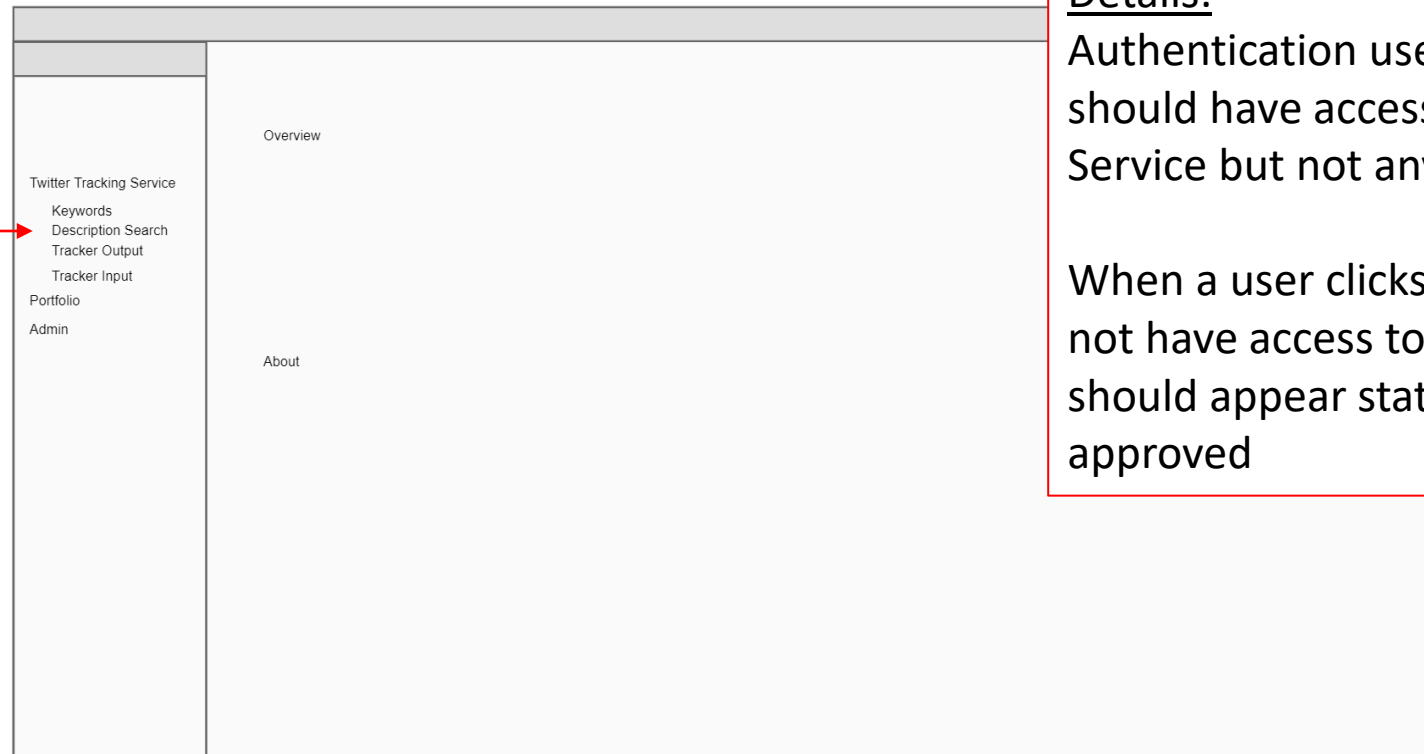
Twitter Tracking Service	Overview
Keywords	
Description Search	
Tracker Output	
Tracker Input	
Portfolio	
Admin	About

Main (Details)

Details:

Menu should be based on st-pages.

When a page is selected it should be highlighted in a noticeable manner



Details:

Authentication users with “general” access should have access to Twitter Tracking Service but not anything else.

When a user clicks on something they do not have access too a warning message should appear stating access level is not approved

Description Search

Twitter Tracking Service

Keywords

Description Search

Tracker Output

Tracker Input

Portfolio

Admin

Search Description

Enter text to Search

Input

Primary

Primary

Search Type
☐ And ☐ Or

Example Page and Data

Search Description

Enter text to search

Search

Reset

Search Type

☒ AND ☐ OR

entity_name	description	twitter_url
Ashur afshar	Master of Information Technology	https://twitter.com/afsharashur
Ernie	Co-Founder @FreshCut. Building to help change the gaming content creator economy. Love video games and Pokemon. Former: early @Twitch @ManticoreGames	https://twitter.com/ernestle
GDA Capital	Where Institutional Capital Meets Digital Assets. Go To Market Strategy for Ambitious Blockchain Companies. Work With Us ↓	https://twitter.com/gda_capital
vespene energy	Vespene uses landfill methane to fuel Bitcoin mining.	https://twitter.com/vespene_energy
railgun - private & an...	The only smart contract system for invisible, trustless transfers and private DeFi, on ETH, BSC and Polygon. Decentralized, no 'admin' key & 5 audits. \$RAIL	https://twitter.com/railgun_project
spaceid.bnb	SPACE ID (SID): Your universal identifier Register your .bnb Domain: https://t.co/dtycDpM63u Join our community - https://t.co/7zYQXrZ4N7	https://twitter.com/spaceidprotocol
patrick collison	Fallibilist, optimist. Stripe CEO. ðŸ™ˆ	https://twitter.com/patrickc
dylan field	ceo @figma. likes on twitter = bookmarking, not endorsement	https://twitter.com/zoink
CME Active Trader	@CMEGroup's place for active traders looking for new trading opportunities or capital efficient ways to manage risk with futures or options on futures.	https://twitter.com/cmeactivetrader
Ochuko_ar	Global Membership @adidas Investing in Black founders @bfmfund Consulting Lead @thesymmetrical Editorial Fellow @dirbxyz	https://twitter.com/ochuko_ar
robbie ferguson ðŸ˜© - ...	Co-founder @immutable, forbes 30 under 30. Bringing a billion people to web3 via games. Join us: https://t.co/P2eksORWVv Build in hours: https://t.co/022mjn4QWX	https://twitter.com/0xfERG
yuval noah harari	Historian and bestselling author of 'Sapiens', 'Homo Deus', '21 Lessons for the 21st Century', and 'Sapiens: A Graphic History'.	https://twitter.com/harari_yuval
Dark Studio ðŸ’¸.sol	Web3 Innovations Studio.	https://twitter.com/bydarkstudio
shreya	digital introvert, IRL extrovert. mostly here to shill my company @partifulsocial. previously built less cool stuff @asapp @PalantirTech @princeton	https://twitter.com/shreyamurthy
SNUKEM DËFRAG Z...	CPO at Matter Labs musician filmmaker	https://twitter.com/stevenewcomb
hodl mark	Crypto @0xgoldenchain @InternDAO Views My Own	https://twitter.com/markrut07580016
hard everything	hard af @runthisbird	https://twitter.com/hardeverythng

Description Search (Details)

Twitter Tracking Service

Keywords

Description Search

Tracker Output

Tracker Input

Portfolio

Admin

Search Description

Enter text to Search

Input

PrimaryPrimary

Search Type
☐ And ☐ Or

Details:

Working code will be provided for this page. No new code is needed unless consultant thinks new features and/or updates would be helpful

Keyword

[illegible]

Keyword (details)

The screenshot shows a web application interface. On the left is a sidebar menu with the following items: 'Twitter Tracking Service', 'Keywords', 'Description Search', 'Tracker Output', 'Tracker Input', 'Portfolio', and 'Admin'. The main content area has a header bar at the top. Below the header, there is a text box labeled 'last Update: latest updateddatetime'. Underneath this are four buttons: 'Edit', 'Reset', 'Confirm', and 'Upload'. At the bottom of the main area is a table with three columns: 'category', 'keyword', and 'search method'. The table has several empty rows for data entry.

category	keyword	search method

Details:

The latest updateddatetime from the dataframe

Details:

Edit button – turns the state to edit. The user can edit the table

Reset button – resets to the last or initial state

Confirm – confirms edits or current state.

Upload – upload any changes to db. Only changes should be done.

Details:

Sample code of edit and confirm is available

Keyword (Details – edit mode)

last Update: latest updateddatetime

Twitter Tracking Service

- Keywords
- Description Search
- Tracker Output
- Tracker Input
- Portfolio
- Admin

Edit Reset Confirm Add Delete Upload

category	keyword	search method
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Details:

When user enters “Edit” state the Add Button and Delete Button appear and the table has multirow select enabled for delete

Details:

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When edit button clicked again mode is no longer in edit mode and Add and Delete are hidden. Perhaps a status box states viewing mode: “read only” or “edit” can be presented to let the user know what mode the control is in

Button actions

Add Button – when clicked a new row is added

Delete – User can click the selected rows to delete selected

Tracker Output

Upload Selections							
Twitter Tracking Service	Keywords	Description Search	Tracker Output	Tracker Input	Portfolio	Admin	
Target	Description	...	Add to Signal Tracking	Add to Project Tracking	Interesting Project
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Tracker Output Example Data and User Output



Signal Output Data Table for User

target	entity_name	description	twitter_url	add_to_signal_tracking	add_to_project_tracking	interesting_project	followers_count	previous_view_cnt	prev_view_init_follower_cnt_chng	prev_view_latest_follower_cnt_chng
karsh_nft	Karsh NFT	DM for Collabs , promotions \$SOL \$APT \$ETH Daily Giveaways ☑️ • Full time Degen	https://twitter.com/karsh_nft				6675	0		
steveressler	Steve Ressler	Search funds, SMB, SaaS & GovTech. Serial entrepreneur with 3X exits and active search fund investor (Brydon). Sign up for my musings https://it.co/OQtdv7225g DMs open	https://twitter.com/steveressler				9418	1	6.44%	6
niraj	niraj pant	go @polychain	https://twitter.com/niraj				9858	2	2.54%	2

Details:

- Add to signal tracking
 - Checkmark selection.
- Add to project tracking
 - Checkmark selection.
- Interesting projects
 - Checkmark selection.

Signal Input Data Table as defined in the database

target	entity_nan	entity_nan	descriptor	twitter_url	followers	data	target_id	url	location	desc_data	following	following	username	username	date_diff	date_diff	target_obs	date_diff	date_diff	marginal
przeontgs				https://twitter.com/przeontgs																
autismcap	autism capital		Harnessing	https://tw	185372															
adam3us	adam back		cypherpun	https://tw	503900															
tarunchitr	tarun chitra			\ (-■_■) / ♪ ♫ @ @GauntletNetwork/@robotventures/@pleasrDAO // Past: \ ("") / - @ HFT/@DEShawResearch/@cornell																
main:	@gu	https://tw	44851																	
joonian	wong joon ian		Building in	https://tw	23766															
carrawu	carra.eth		partner @	https://tw	19756															
magiceder	magic eden		Magic Ede	https://tw	409589															
kubia76				https://twitter.com/kubia76																

Details:

- Core rows come from json within the “metadata” column
- Not all fields are presented to user

Tracker Output (Details)

Twitter Tracking Service

Keywords

Description Search

Tracker Output

Tracker Input

Portfolio

Admin

Upload Selections

Target	Description	...	Add to Signal Tracking	Add to Project Tracking	Interesting Project
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Details:

- Add to signal tracking
 - Checkmark selection.
 - When user has this selected and Upload Selections is pressed a new row to the “Signal” Input dataframe is created as a new record
- Add to project tracking
 - Checkmark selection.
 - When user has this selected and Upload Selections is pressed a new row to the “Project” Input dataframe is created as a new record
- Interesting projects
 - Checkmark selection.
 - A record for the user with a new database entry for may be preserved in a new table to remember the row

Tracker Input

The screenshot shows a web application interface for 'Tracker Input'. On the left is a sidebar menu with the following items: 'Twitter Tracking Service', 'Keywords', 'Description Search', 'Tracker Output', 'Tracker Input' (highlighted), 'Portfolio', and 'Admin'. The main content area has a header with two tabs: 'Signal Input' (selected) and 'Project Input'. Below the tabs are four buttons: 'Edit', 'Reset', 'Confirm', and 'Upload'. To the right of these buttons is a text box containing 'last Update: latest updateddatetime'. Below the buttons is a large, empty rectangular area, likely for displaying data or a table.

Details:

The latest updateddatetime from the dataframe for the “Signal” or Project selection

Details:

Data from core table should be toggled by the two top selections: Signal Input or Project Input. The core data for both of these sources comes from the same table in the database

Tracker Input

Twitter Tracking Service

Keywords

Description Search

Tracker Output

Tracker Input

Portfolio

Admin

Signal Input

Project Input

last Update: latest updateddate\$time

Edit

Reset

Confirm

Upload

Signal Input Data Example

Signal Input Data Table for User

Twitter Usecase	Handle/Twitter link	Signal Quality	Signal Type	Signal Investor	Group	Name	Date Added/Updated	Contributor	confirmed_locked
Signal	https://twitter.com/alliancedao	B	DAO		Alliance DAO		6/30/2022		<input checked="" type="checkbox"/>
Signal	https://twitter.com/seedclubhq	C	Fund		Seed Club		7/30/2022		<input checked="" type="checkbox"/>
Signal	https://twitter.com/not3lau_capital	B	Fund		Not3lau Capital	Not3lau Capital	10/31/22		<input type="checkbox"/>
Signal	https://twitter.com/Daryllautk	B	Investor		Not3lau Capital	Daryl Lau			<input checked="" type="checkbox"/>
Signal	https://twitter.com/brianjcho	B	Investor	Founder	Patron.xyz	Brian Cho			<input checked="" type="checkbox"/>
Signal	https://twitter.com/jasonoliver	B	Investor	Founder	Patron.xyz	Jason Oliver			<input checked="" type="checkbox"/>
Signal	https://twitter.com/JuliaLipton	C	Investor	Founder	Awesome People	Julian Lipton			<input checked="" type="checkbox"/>
Signal	https://twitter.com/_MinTeo	A	Investor	Partner	Ethereal	Min Teo			<input checked="" type="checkbox"/>
Signal	https://twitter.com/0xJ010	C	Project	Founder	Wild Life Studios	Joao			<input checked="" type="checkbox"/>
Signal	https://twitter.com/jmonegro	A	Investor	Partner	Placeholder VC	Joel Monegro			<input checked="" type="checkbox"/>
Signal	https://twitter.com/eladgil	A	Investor			Elad Gil			<input checked="" type="checkbox"/>
Signal	https://twitter.com/DeFiVader	A	Investor	Research	Vader Research				<input checked="" type="checkbox"/>
Signal	https://twitter.com/DPazdan	A	Investor	Other	Phantom	Pazdan			<input checked="" type="checkbox"/>
Signal	https://twitter.com/blackpoolHQ	A	Fund		BlackPool				<input checked="" type="checkbox"/>
Signal	https://mobile.twitter.com/archetypevc	A	Fund		Archetype VC	Archetype VC	11/3/2022		<input type="checkbox"/>

Details:
Confirmed locked column should be checkmark/Boolean based

Signal Input Data Table as defined in the database

app_handle_id	cleaned_twitter_handle	metadata	date_added_updated	service_category	rowloaded	updated	data worker_as	run_category	notes	contributor
5555d4d5-6d02-47ee-a180-860d4c03bff3	alliancedao	{"twitter_u	6/30/2022	signal	26:41.0	26:41.0	1	prod		Andrew
01f0573b-9a9a-4bd9-ac3e-f69bfe68cb89	seedclubhq	{"twitter_u	7/30/2022	signal	26:41.0	26:41.0	1	prod		Andrew
bf5249e8-e280-46e3-b980-fa9005f8693a	not3lau_capital	{"twitter_u	10/31/2022	signal	26:41.0	26:41.0	3	prod		Dan
90ec5c0a-3b37-4283-8e2b-ced15396d691	daryllautk	{"twitter_u	10/31/2022	signal	26:41.0	26:41.0	3	prod		Andrew
6eaab562-2542-4193-880a-360a2a70ac82	brianjcho	{"twitter_u	10/31/2022	signal	26:41.0	26:41.0	1	prod		Andrew
f346791b-ca87-4fdc-b558-67c708fa6590	jasonoliver	{"twitter_u	10/31/2022	signal	26:41.0	26:41.0	1	prod		Andrew

Details:
Core rows come from json within the "metadata" column

Project Input Data Example

Project Input Data Table for User

Category	Twitter Usecase	Handle/Twitter	Name	Type	Date Added/Updated	Contributor	Historical Count Pull	confirmed_locked
Misc	Follow(er/s) Count	https://twitter.com/shrapnel	Shrapnel	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/exverse	Exverse	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/evio	Evio	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/sipher	Sipher	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/planetmojo	Planet Mojo	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/sorare	Sorare	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/arc8bygame	ARC8 by GAME	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/axieinfinity	Axie Infinity	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/blankos	Blankos	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/castlecrush	Castle Crush	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/crabada	Crabada	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/cryptounicorns	Crypto unicorns	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/cryptofights	Crypto Fights	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/cyball	CyBall	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/defikingdoms	DefiKingdoms	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/edenhorde	Edenhorde	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/farmersworldnft	FarmersWorldNFT	Project	8/25/2022		✓	✓
Misc	Follow(er/s) Count	https://twitter.com/godsunchained	Gods Unchained	Project	8/25/2022		✓	✓

Details:

Confirmed locked column should be checkmark/Boolean based

Historical Count Pull column should be checkmark/Boolean based

Project Input Data Table as defined in the database

app_handle_id	cleaned_twitter_handle	metadata	date_added_updated	service_category	rowloaded	updateddate	worker_as_run_category	notes	contributor
2ca863fe-23f8-426b-b2ee-db62e8ed0759	playshrapnel	{"category": "Project"}	8/25/2022	project	26:46.2	26:46.2	1 prod		AJ
1d38f97f-9f5e-47ae-8c64-8f9527e07331	exverse_io	{"category": "Project"}	8/25/2022	project	26:46.2	26:46.2	1 prod		AJ
a771edde-c1b7-4883-bee5-c23ca113cd92	play_evio	{"category": "Project"}	8/25/2022	project	26:46.2	26:46.2	1 prod		AJ
e9d2ad20-b4b1-4a41-850d-5a2ef6da018c	sipherxyz	{"category": "Project"}	8/25/2022	project	26:46.2	26:46.2	1 prod		AJ
282b9f94-2fa3-4f2f-8311-737c9d9f0409	weareplanetmojo	{"category": "Project"}	8/25/2022	project	26:46.2	26:46.2	1 prod		AJ
9820f003-44c9-4c2f-a06e-57c244fc5b1c	sorare	{"category": "Project"}	8/25/2022	project	26:46.2	26:46.2	1 prod		AJ

Details:

Core rows come from json within the "metadata" column

Tracker Input (details)

Details:

When user enters “Edit” state the Add Button and Delete Button appear and the table has multirow select enabled for delete

The screenshot displays a web application interface for a 'Twitter Tracking Service'. On the left is a sidebar with navigation links: 'Keywords', 'Description Search', 'Tracker Output', 'Tracker Input', 'Portfolio', and 'min'. The main content area is titled 'Signal Input' and 'Project Input'. It features a row of buttons: 'Edit', 'Reset', 'Confirm', 'Upload', 'Add', 'Delete', 'Upload', and 'clean twitt'. Below these buttons is a table with a multi-row selection column on the left, indicated by a blue arrow from the left text box. The table has a header row with the text 'Last Update: latest updateddatetime'. A blue arrow from the right text box points to the 'Delete' button.

Details:

When user enters “Edit” state the Add Button and Delete Button appear and the table has multirow select enabled for delete

When edit button clicked again mode is no longer in edit mode and Add and Delete are hidden. Perhaps a status box states viewing mode: “read only” or “edit” can be presented to let the user know what mode the control is in

Button actions

Add Button – when clicked a new row is added

Delete – User can click the selected rows to delete selected