

SPARTAGOGGE: Fitness Verdict

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1 Overview

Spartagoge is a Python-based application designed to help users track their fitness metrics, such as heart rate, body fat percentage, and overall health progress. The application integrates with Google Fit and Firebase to provide an overall verdict on an individual's fitness levels, indicating how fit the person is or how she/he can improve if she/he targets a career in sports.

2 Features

- **Fitness Evaluation:** Users can evaluate their fitness metrics, including average heart rate and body fat percentage.
- **Integration with Google Fit:** The app retrieves data directly from Google Fit for accurate tracking.
- **Firebase Integration:** Securely store user data and preferences using Firebase.
- **User-Friendly Interface:** Easy navigation and access to fitness metrics.

3 Requirements

- Python 3.x
- Required packages listed in `Requirements.txt`
- Google Cloud credentials for Firebase integration

4 Installation

1. Clone the repository:

```
git clone https://github.com/Aadityaamlan-Panda/Spartagoge.git
```

2. Navigate to the project directory:

```
cd Spartagoge
```

3. Install the required packages:

```
pip install -r requirements.txt
```

5 Configuration

- Create a `credentials.json` file in the project directory with your Google OAuth Client ID.
- Add your Google Cloud Service Account credentials in the `serviceAccountKey.json` file.

6 Usage

1. Run the main application:

```
python google_fit.py
```

2. Follow the prompts to connect your Google Fit account and start tracking your fitness metrics.

7 Contributing

Contributions are welcome! Please fork the repository and submit a pull request for any improvements or features you wish to add.

8 Acknowledgments

- Google Fit API
- Firebase
- Python

9 Contact

For any questions or feedback, kindly mail [here](#).