

TapIN MMA – Installation Guide

1. Introduction

This document provides step-by-step instructions for installing and running the TapIN MMA application. The application is implemented using Python and the Streamlit framework.

2. System Requirements

- Operating System: macOS, Windows, or Linux
- Python version: 3.9 or higher
- Internet connection
- Web browser (Chrome, Firefox, Safari, or Edge)

3. Project Structure

```
Code/  
├── README.txt  
├── Installation Guide.pdf  
├── User Manual.pdf  
└── WebSite/  
    ├── app.py  
    ├── config.py  
    ├── services.py  
    ├── ui_tabs.py  
    ├── requirements.txt  
    ├── .streamlit/  
    └── secrets.toml
```

4. Installation Steps (Local Execution)

Step 1: Extract Files

Unzip the project submission and navigate to:

```
Code/WebSite
```

Step 2: Install Dependencies

Open a terminal in the `WebSite` directory and run:

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

Step 3: Configure Secrets

Create a `.streamlit` directory inside `WebSite` and add a `secrets.toml` file containing required API keys and configuration values.

Example:

```
[api]
rapidapi_key = "REPLACE_ME"
odds_api_key = "REPLACE_ME"
mailjet_api_key = "REPLACE_ME"
mailjet_api_secret = "REPLACE_ME"
admin_password = "REPLACE_ME"
email_from = "REPLACE_ME"
```

Step 4: Run the Application

From the `WebSite` directory:

```
streamlit run app.py
```

The application will open automatically in a web browser.

5. Deployment (Streamlit Cloud)

1. Push the `WebSite` directory to GitHub
2. Create a new app on Streamlit Cloud
3. Set the main file to `app.py`
4. Configure secrets in Streamlit Cloud settings
5. Deploy the application

6. Troubleshooting

- Verify Python version if installation fails
- Confirm API keys are correctly configured
- Ensure required files exist in the correct directories

7. Conclusion

This guide describes the complete process for installing and running the TapIN MMA application.