**Installation Manual (for setting up the Local Waste Map on WAMP Server)**

1. **System Requirements**

* **Operating System**: Windows 7 or higher
* **Web Server**: WAMP Server (Windows Apache MySQL PHP)
* **PHP Version**: 7.4 or higher
* **Database**: MySQL (Included with WAMP)
* **Browser**: Latest version of Chrome, Firefox, or Edge

1. **Software Installation**

* **Step 1**: Goto <https://www.wampserver.com/en/> to download **WAMP Server**. Install it after downloading.
* **Step 2**: While installing, keep the default options and ensure that Apache and MySQL services are running after installation.
* **Step 3**: Run the WAMP application and look for the green icon in the system tray to make sure its running status.

1. **Setting Up the Project**

* **Step 1**: Goto to the link <https://github.com/kinga-yeshi/LocalWasteMap> to download the project file.
* **Step 2**: Extract the downloaded project files and copy it to the C:\wamp64\www\ directory.
* **Step 3**: Create a MySQL database:
  + Open your browser and go to the localhost/phpMyAdmin page.
  + Log in with the default credentials (root with no password).
  + Create a database with the name “local\_waste\_map” by clicking on create a new database.
* **Step 4**: Import the database schema:
  + Select your newly created database (local\_waste\_map) in **phpMyAdmin**.
  + Click on the import tab and select the SQL file (local\_waste\_map.sql) from the project file.
* **Step 6**: Open your web browser and navigate to the link <http://localhost/your_project_folder> to access the Local Waste Map website.

1. **Testing the System**

* Check if the Homepage loads correctly or not.
* Test each functionality of each:
  + **Recycling Tips Page** with FAQs and Resource Library.
  + **Map & Locations Page** with search and filter options.
  + **Report Issues Page** for submitting reports, community reporting, and tracking issues.
  + **Feedback Form** to submit user feedback.
* If everything works as expected, the system is correctly set up.

**User Manual (for using the Local Waste Map system)**

1. **Introduction**

The Local Waste Map system is dev to help users navigate waste management areas, access recycling tips, report issues, and track reported waste-related problems.

1. **Accessing the System**

* Open your browser and navigate to http://localhost/your\_project\_folder after installing the project.

1. **Features & Usage**

*Home Page*

* The home page provides an overview of the Local Waste Map services, including featured articles and interactive maps.

*Recycling Tips Page*

* Navigate to the Recycling Tips page to:
  + View recycling and waste reduction tips.
  + Expand sections for more detailed information using the “Read More” button.
  + Access the FAQ section to get answers to frequently asked questions about recycling.
  + Download resources from the Resource Library (e.g., guides on recycling and composting).

*Map & Locations Page*

* Use the interactive map to find waste disposal and recycling locations.
* Use the Search bar to find specific locations based on keywords (e.g., "recycling centers").
* Filter locations by type using the Filter dropdown (e.g., waste disposal, hazardous waste).
* Click on a location to view details like operating hours and accepted materials.

*Report Issues Page*

* Use the Report Issue Form to report problems such as illegal dumping or overflowing bins.
  + Enter the issue type, location, and description.
  + Submit the form to generate a Tracking ID for the issue.
* View the Community Reporting section to see issues reported by other users.
* Track the status of your report by entering your Tracking ID in the Track Your Issue section.

*Feedback Form*

* Navigate to the Feedback page to submit any comments, questions, or suggestions about the system.
* Enter your name, email, and feedback message, and submit it.

*Contact Page*

* Use the Contact page to get in touch with the website administrators.
* Contact information for local waste management authorities is also available here.

1. **Troubleshooting**

* If the website is not loading, ensure that the WAMP server is running (the icon should be green in the system tray).
* Check the database connection settings in config.php to ensure the correct credentials are used.
* If you encounter issues with any functionality, try restarting WAMP or clearing your browser cache.