



A college under Mapúa Malayan Colleges Laguna

Requirements Gathering Document

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1. Project Objective

Develop a website that provides weather updates, including temperature, wind speed, and humidity, information, for a chosen location.

2. Stakeholders

Users: Individuals who will use the website to check weather updates for their locations.

Claros Orcullo: Designer and developer

Zyra Joy Dongon: Developer

3. Stakeholder Requirements

Date	Participants	Details
09/11/2024	Claros Orcullo	Examined existing websites to gather design inspiration.
09/11/2024	Zyra Joy Dongon Claros Orcullo	Brainstorming about designs and content.
09/15/2024	Zyra Joy Dongon	Completed the process of gathering requirements.

4. Requirements Analysis and Prioritization

Requirement Category	Requirement Description	Priority (MoSCoW)
Functional	Display current weather updates including temperature, humidity, and wind speed for a selected location.	Must
Functional	Allow users to search for weather updates by entering a location (city, zip code).	Must
Functional	Provide daily weather forecasts.	Should
Functional	Include an interactive map for users to select locations visually.	Could
Non-Functional	Ensure the website is fully responsive and works on various devices (mobile, tablet, desktop).	Must
Technical	Integrate with reliable weather data APIs for accurate and up-to-date information.	Must
Technical	Implement error handling and logging to track and manage issues.	Should
Technical	Use a scalable cloud-based hosting solution to handle varying loads.	Should
Functional	Enable users to save their favorite locations for quick access.	Could

5. Requirements Documentation

Version #	Requirement Description	Acceptance Criteria	Dependencies
1	Display current weather updates including temperature, humidity, and wind speed for a selected location.	The website must display real-time weather updates for temperature, humidity, and wind speed for the chosen location.	Integration with weather data APIs.
1	Allow users to search for weather updates by entering a location (city, zip code).	Users must be able to input a location and retrieve weather updates for that location accurately.	Integration with weather data APIs.
1	Provide daily weather forecasts.	The website must show daily forecasts with accurate information for the selected location	Integration with weather data APIs.
1	Ensure the website is fully responsive and works on various devices (mobile, tablet, desktop).	The website must be accessible and visually appealing on mobile, tablet, and desktop devices.	None
1	Integrate with reliable weather data APIs for accurate and up-to-date information.	The website must pull accurate and current weather data from the API and display it correctly.	None
1	Implement error handling and logging to track and manage issues.	The website must have mechanisms to log errors and provide meaningful error messages to users.	None
1	Use a scalable	The website must	None

	cloud-based hosting solution to handle varying loads.	perform well under varying traffic loads and scale as needed.	
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6. Review and Validation

Review Date	Feedback Received

7. Updates and Maintenance

Last Updated Date	Changes Made

8. Final Approval

Approval Date	Stakeholder	Signature