# Orbimesh Frontend: A User's Guide

Welcome to Orbimesh, the AI agent orchestration platform designed to simplify complex digital tasks. This guide will walk you through all the features of the Orbimesh user interface, explaining how you can create and monitor powerful, multi-agent workflows using natural language.

## 1. The Main Interface: An Overview

The Orbimesh application is designed for clarity and ease of use. The main interface is divided into two primary sections:

* **App Sidebar (Navigation):** Located on the left, this persistent sidebar allows you to navigate between the major sections of the application.
* **Main Content Area:** This is the central part of the screen where you will interact with the different features of the platform.

### 1.1. App Sidebar

The sidebar provides one-click access to all key areas:

* **Orbimesh Logo:** Click the logo at the top to return to the main Orchestrator page.
* **Orchestrator:** The main page for creating and executing workflows.
* **Agent Directory:** A marketplace to browse, search for, and test available AI agents.
* **Metrics & Dashboard:** (Future feature) To view analytics about your agent usage.
* **Profile / Settings:** (Future feature) To manage your user account.
* **Register Agent:** A dedicated button to add your own AI agent to the platform.

The sidebar is collapsible on desktop to maximize your workspace and automatically tucks away on mobile devices.

## 2. The Orchestrator: Your Command Center

The Orchestrator is the heart of Orbimesh. Here, you can describe a complex goal in plain English, and the platform will translate it into an executable workflow powered by multiple AI agents. The Orchestrator view is split into two main parts: the Interactive Chat Interface on the left, and the Orchestration Details Sidebar on the right.

### 2.1. The Interactive Chat Interface

When you first land on the page, you're greeted by a conversational chat interface. This is where you initiate your tasks.

* **Starting a Workflow:** Simply type your goal into the text area. For example, "Find the latest news about NVIDIA, summarize it, and get the current stock price."
* **Conversational Clarification:** If your request is ambiguous, the system will ask follow-up questions to ensure it understands your intent perfectly. For instance, if you ask for "weather in my aunt's city," it will prompt you for the city's name.
* **Message History:** The conversation is tracked in a familiar chat format, with your messages, system questions, and final AI responses clearly distinguished by color and alignment.

### 2.2. Orchestration Details Sidebar: Monitoring Your Workflow

Once the system understands your request and has created a plan, the **Orchestration Details Sidebar** appears on the right. This resizable panel provides a complete, real-time overview of the proposed workflow and its execution. It is organized into three tabs: Metadata, Plan, and Attachments.

#### Metadata Tab

This tab gives you a high-level summary and control over the agents involved.

* **Execution Summary:** A quick overview of the total estimated cost and time for the entire workflow.
* **Agents Used:** A collapsible list of all the AI agents selected to participate in the workflow.
* **Rate Agents:** After a workflow is complete, you can provide a star rating for each agent based on its performance. This feedback is crucial for improving the platform's agent selection process for all users.
* **Tasks:** This section provides a simple list of the individual steps that the orchestrator has broken your request into.

#### Plan Tab

This tab provides a visual representation of the entire workflow.

* **Execution Plan Graph:** A flowchart visualizes the sequence of tasks.
  + **Start Node:** The beginning of your workflow.
  + **Task Nodes:** Each subsequent node represents a task to be performed by an agent.
  + **Status Icons:** Completed tasks are marked with a green check, while pending tasks have a yellow clock icon, giving you a clear, at-a-glance view of the workflow's structure and progress.

#### Attachments Tab

This tab is a placeholder for future functionality where any files or documents generated or used during the workflow will be made available for download.