**Team Workload Distribution Report: User Stories**

This report outlines user stories for each team member based on their assigned responsibilities in the vehicle service management project. User stories are framed from the perspectives of the three key personas: **Customer**, **Employee**, and **Admin**. These stories focus on end-user functionality and exclude technical implementation details.

**1. Vishwa Jayawickrama (Project Manager + Developer)**

* **As a Project Manager**, I want to plan and coordinate the project timeline so that all tasks are completed on schedule.
* **As a Project Manager**, I want to assign tasks to team members so that responsibilities are clearly distributed.
* **As a Project Manager**, I want to communicate with stakeholders so that updates and feedback are shared effectively.
* **As a Project Manager**, I want to deliver the final presentation so that project outcomes are showcased clearly.
* **As a Customer or Employee**, I want to use an AI chatbot with natural language queries so that I can get quick responses on vehicle services.
* **As a Customer or Employee**, I want the AI chatbot to handle my queries accurately so that my needs are met efficiently.

**2. Bashitha Samarasinghe (Full-Stack Developer - Frontend & Prototype Specialist)**

* **As a Customer**, I want to interact with UI/UX mockups and prototypes so that I can navigate vehicle service requests easily.
* **As an Employee or Admin**, I want to use prototypes for managing tasks and inventory so that my workflow is efficient.
* **As an Employee**, I want to track spare parts and supplies in the inventory system so that availability for services is ensured.
* **As a Customer**, I want a user-friendly interface so that my experience is seamless.

**3. Lakshan Abeynayake (Full-Stack Developer - Authentication & RBAC)**

* **As a Customer**, I want to log in or sign up securely so that I can access my vehicle service requests.
* **As an Employee**, I want to log in or sign up securely so that I can manage my shifts.
* **As an Admin**, I want Role-Based Access Control so that I can restrict access to permitted features only.
* **As a Customer, Employee, or Admin**, I want secure access to the system so that my data is protected.

**4. Swetha Nethmi (Full-Stack Developer - Customer Functionality 1)**

* **As a Customer**, I want to request a vehicle modification so that I can customize my vehicle.
* **As a Customer**, I want to book appointments for vehicle services so that I can schedule maintenance conveniently.
* **As a Customer**, I want a reliable request and booking process so that my needs are met without issues.

**5. Jinathi Kodikara (Full-Stack Developer - Customer Functionality 2)**

* **As a Customer**, I want a dashboard to view service/project progress in real-time so that I can track updates instantly.
* **As a Customer**, I want geo-location maps to see service locations so that I can plan accordingly.
* **As a Customer**, I want a responsive dashboard so that my progress tracking is smooth.

**6. Asandi Alwis (Full-Stack Developer - Employee Functionality 1)**

* **As an Employee**, I want to log time against each project/service so that my hours are recorded accurately.
* **As an Employee**, I want to track progress and update status of ongoing services/projects in real-time so that updates are visible.
* **As an Employee**, I want an easy-to-use time logging system so that my tasks are managed efficiently.

**7. Hiruna Warusawithana (Full-Stack Developer - Notifications & Communication)**

* **As an Employee**, I want to view upcoming appointments and requests so that I can prepare for my tasks.
* **As a Customer or Employee**, I want real-time notifications (email/SMS/push) so that I am alerted to updates instantly.
* **As a Customer**, I want communication channels with employees so that I can discuss service details.
* **As an Employee**, I want communication channels with customers so that I can provide updates.

**8. Pasindu Lakmal Bandara (Database & DevOps Engineer)**

* **As a Customer, Employee, or Admin**, I want the system to store and retrieve my data reliably so that services function smoothly.
* **As a Customer, Employee, or Admin**, I want secure and fast data access so that my experience is uninterrupted.
* **As an Admin**, I want the system to be deployed and maintained efficiently so that downtime is minimized.

**9. Rashmitha Chamikara (Full-Stack Developer - Admin Panels)**

* **As an Admin**, I want panels to manage customers, vehicles, services, employees, inventory, logs, and user roles so that I can oversee operations.
* **As an Admin**, I want reporting tools, audit logs, and configuration settings so that I can analyze data and adjust settings.
* **As an Admin**, I want real-time updates in the admin panels so that I can monitor changes instantly.