

# Class 8 - Weekly Update Report

Course Code: CSE 299 | Section: 04 | Group No: 03 | Project : GHURBO

## Group Members:

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## Weekly Progress Summary (Week 8):

In Week 8, the team focused on debugging and progressing the connection between the frontend and backend components of the project. The main highlights included:

### ✅ Resolved Issues:

- Fixed data-handling errors in **AddPackage.jsx** and **ListPackage.jsx** components, ensuring correct display and input of package data.

### ⚙️ Components Developed This Week:

❖ Worked extensively on new backend modules:

- **authMiddleware.js, userRoute.js, Package.js, packageController.js, packageRoutes.js**
- **Tour.js, tourController.js, clouinary.js, uploadMiddleware.js, tourRoutes.js**
- **Booking.js, bookingController.js, bookingRoutes.js**

These improvements contributed to better data handling, routing, authentication, and booking management functionalities.

❖ Frontend-Backend Integration:

- Initiated the integration between the frontend and backend using: **AppContext.jsx** (to manage global state and backend API communication)
- Updated components to support live data: **Navbar.jsx, PackageReg.jsx, AddPackage.jsx**

Encountered several issues while linking frontend components with backend endpoints, which are scheduled for resolution in the upcoming week.

### **Technologies Used (Until Now)**

- **Frontend:** React.js
- **Backend:** Node.js, Express.js
- **Database:** MongoDB (with Mongoose)
- **Authentication:** Clerk (with Webhook Events)
- **Others:** Cloudinary (image upload), Context API (frontend state management)

### **Plan for Week 9:** In the upcoming week, we plan to:

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- Resolve remaining errors in frontend-backend connectivity.
- Finalize all component integrations and backend endpoints.
- Conduct full functionality testing and validations.
- Prepare for final evaluation or demonstration.