

Tourtastic Backend Development Plan

- [X] 1. Analyze Tourtastic frontend, admin panel, and profile page to understand required features and user flows.
- [X] 2. Clone and examine the Tourtastic frontend GitHub repository.
- [X] 3. Review Seeru Travel API documentation (<https://docs.seeru.travel/>) and API keys from `Secret.txt` .
- [X] 4. Design the backend REST API endpoints and MongoDB database schema.
- [X] 5. Set up the Node.js/Express project structure and connect to MongoDB.
- [X] 6. Implement user authentication (if required based on analysis).
- [X] 7. Implement Seeru Travel API integration for fetching flight data.
- [X] 8. Implement the user-facing booking/order creation endpoint (saving to DB only).
- [X] 9. Develop Admin Panel API endpoints:
 - [X] View orders/bookings.
 - [X] View/manage users.
 - [X] View newsletter subscribers.
 - [X] Endpoint for admin to process orders and trigger email/PDF ticket sending.
 - [X] Endpoint for sending newsletters.
- [X] 10. Implement email sending functionality.
- [X] 11. Implement PDF generation/handling for tickets (Admin uploads PDF, email utility attaches it).
- [X] 12. Implement the newsletter subscription endpoint on the main site.
- [X] 13. Create Postman testing instructions/collection.
- [X] 14. Analyze frontend code and provide integration guidance/snippets.
- [X] 15. Package backend code, Postman tests, and frontend guide.
- [X] 16. Send deliverables to the user.