

Success Planner Backend File Structure (2025)

```
success-planner-backend/
|
├── config/
|   ├── db.js          # MongoDB connection
|   └── cloudinary.js   # Image/file upload config
|
├── controllers/
|   ├── auth.controller.js  # Login, Register, Logout, Forgot/Reset
|   ├── user.controller.js  # Profile, role switch
|   ├── dashboard.controller.js # User dashboard (weekly/todo/etc.)
|   └── admin.controller.js  # Admin-only logic
|
├── middleware/
|   ├── auth.middleware.js  # JWT verify
|   ├── role.middleware.js  # Admin/user role checker
|   └── error.middleware.js  # Global error handler
|
├── models/
|   ├── user.model.js      # Includes role field: user/admin
|   └── otp.model.js       # For OTP-based reset
|
├── routes/
|   ├── auth.routes.js     # /api/auth (register/login/etc.)
|   ├── user.routes.js     # /api/user (profile, switchRole)
|   ├── dashboard.routes.js # /api/dashboard (todo, planners)
|   └── admin.routes.js     # /api/admin (admin dashboard)
|
├── services/
|   ├── auth.service.js    # Core auth logic
|   ├── user.service.js    # Switch role, profile update logic
|   └── dashboard.service.js # Yearly, Monthly, Weekly, To-Do
|
├── utils/
|   ├── generateToken.js    # JWT generator
|   ├── sendEmail.js       # OTP/email service
|   └── validate.js         # Custom helpers
|
└── validators/
```

```
|   ├── auth.validation.js    # Zod validation for register/login
|   └── user.validation.js    # Zod validation for profile update
|
| ├── .env                   # Environment variables
| ├── .gitignore
| ├── package.json
| ├── app.js                 # Express config
| ├── server.js              # Server startup
| └── README.md
```