

HWS Travel Guide App – API Diagram MVP

User <--- Invitation >--- Guide <--- Activity

Roles & Access:

- ADMIN: Full CRUD on Users, Guides, Activities, Invitations
- USER: Read only on invited Guides & Activities

Endpoints:

- POST /api/auth/login (Public) - Login, returns JWT
- GET /api/users (ADMIN) - List all users
- POST /api/users (ADMIN) - Create user/admin
- GET /api/users/{id} (ADMIN) - User details
- PUT /api/users/{id} (ADMIN) - Modify user
- DELETE /api/users/{id} (ADMIN) - Delete user
- GET /api/guides (USER/ADMIN) - List guides (invited for USER, all for ADMIN)
- GET /api/guides/all (ADMIN) - List all guides
- GET /api/guides/{id} (USER invited/ADMIN) - Guide details + activities
- POST /api/guides/{id} (ADMIN) - Create guide
- PUT /api/guides/{id} (ADMIN) - Modify guide
- DELETE /api/guides/{id} (ADMIN) - Delete guide
- POST /api/guides/{guidelId}/activities (ADMIN) - Add activity
- PUT /api/guides/{guidelId}/activities/{activityId} (ADMIN) - Modify activity
- DELETE /api/guides/{guidelId}/activities/{activityId} (ADMIN) - Delete activity
- POST /api/guides/{guidelId}/invite (ADMIN) - Invite user
- DELETE /api/guides/{guidelId}/invite/{userId} (ADMIN) - Remove user
- GET /api/guides/{guidelId}/invited-users (ADMIN) - List invited users

Optional Bonus:

- GET /api/guides/{guidelId}/media (USER/ADMIN) - List images/videos
- GET /api/guides/{guidelId}/comments (USER/ADMIN) - List comments
- POST /api/guides/{guidelId}/comments (USER invited/ADMIN) - Add comment
- GET /api/maps/coordinates/{guidelId} (USER/ADMIN) - Map coordinates