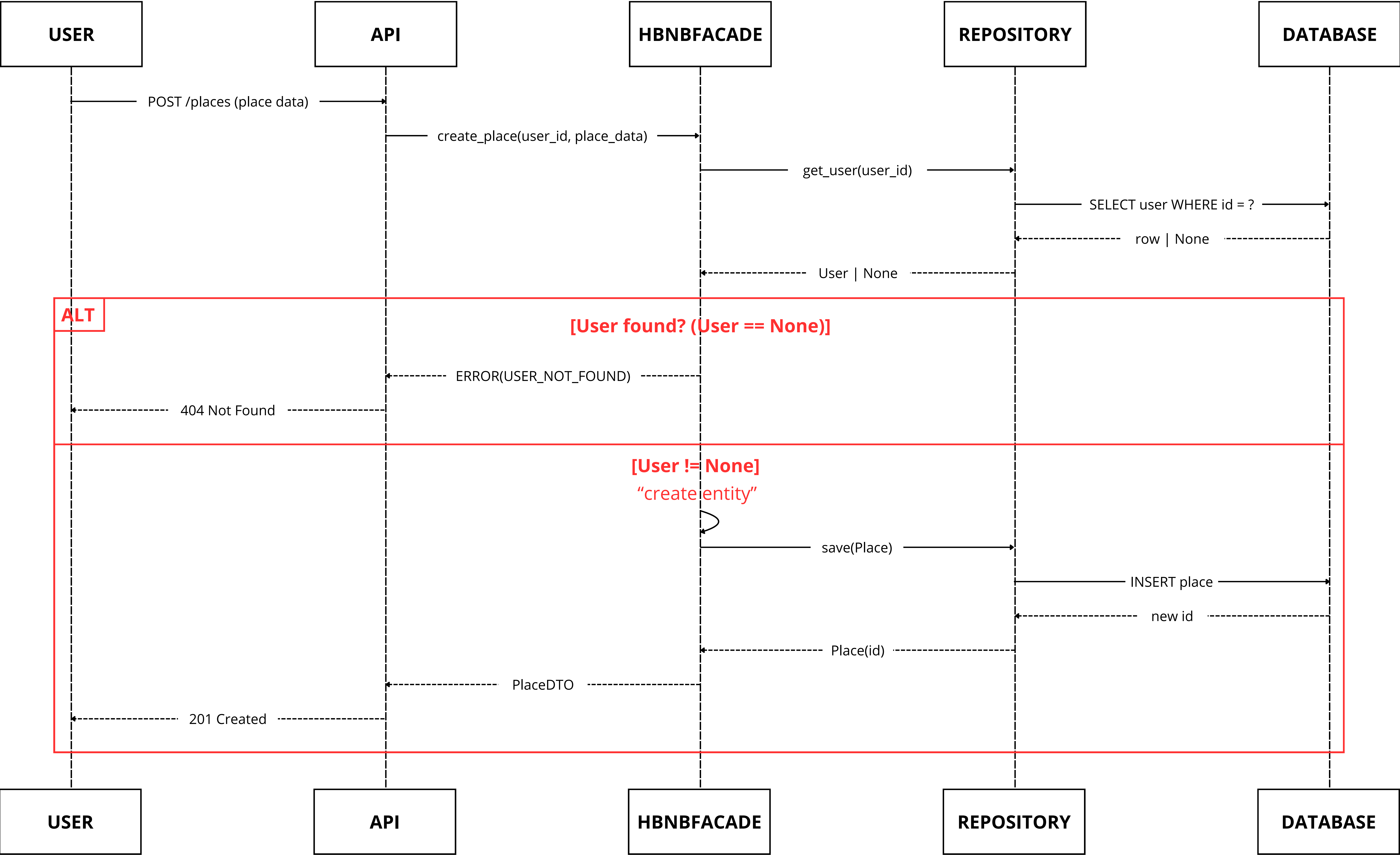


SD-02 — Place Creation (POST /places)



Explanatory Notes:

- Purpose :**
- Create a new place listing for an existing user (owner).
- Key steps :**
- User sends POST /places with place data (+ implicit/explicit user_id).
 - API forwards to HBNBFacade.create_place(user_id, place_data).
 - Facade validates owner exists via Repository (SELECT user WHERE id=?).
 - If user not found: Facade returns Error(USER_NOT_FOUND) → API returns 404 Not Found.
 - If user found: Facade creates Place entity, Repository persists it (INSERT place) and returns new id.
 - Facade maps to PlaceDTO → API returns 201 Created + PlaceDTO.

Layer responsibilities :

- Presentation (API): endpoint handling, calls facade, formats HTTP response.
- Business (HBNBFacade): validates owner, orchestrates creation, maps to DTO.
- Persistence (Repository/DB): fetches user, inserts place, returns identifiers.

- Outputs / errors :**
- Success: 201 Created + PlaceDTO
 - Failure: 404 Not Found (user not found)