

Lab Exercise #6: Appendix - REST endpoint documentation

| Endpoint ¹ | GET ² | POST ³ | PUT ⁴ | DELETE ⁵ |
|------------------------|--|--|------------------|---------------------|
| /api/health | Health check (200) | | | |
| /api/users | | Register user (201, 400, 409) | | |
| /api/auth | Get current session user (200) | Login (200, 401) | | Logout (200) |
| /api/budgets | List budgets for current user (200, 401) | Create budget (201, 400, 401) | | |
| /api/budgets/:id | Get budget details for current user (200, 400, 401, 404) | | | |
| /api/budgets/:id/users | List budget members (200, 400, 401, 403) | Invite user to budget (201, 400, 401, 403, 404, 409) | | |
| /api/invites/pending | List pending invites for current user (200, 401) | | | |
| /api/invites/sent | List invites sent by current user (200, 401) | | | |

¹ Endpoint of the resource and/or parameters

² GET method description and returned HTTP status code with the description.

³ POST method description and returned HTTP status code with the description.

⁴ PUT method description and returned HTTP status code with the description.

⁵ DELETE method description and returned HTTP status code with the description.

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| /api/invites/:inviteId/respond | | Respond to invite: ACCEPT/DENY (200, 400, 401, 403, 404, 409) | | |
| /api/notifications | List notifications (supports ?unreadOnly=1) (200, 401) | | | |
| /api/notifications/:id/read | | | PATCH: Mark notification as read (200, 400, 401, 404) | |
| /api/notifications/read-all | | | PATCH: Mark all notifications as read (200, 401) | |
| /api/budgets/:budgetId/transactions | List transactions for a budget (200, 400, 401, 403) | Create transaction (201, 400, 401, 403) | | |
| /api/budgets/:budgetId/transactions/:transactionId | | | Update transaction (200, 400, 401, 403, 404) | Delete transaction (200, 400, 401, 403, 404) |
| /api/categories | List categories (200, 401) | | | |
| /api/admin/users | Admin: list all users (200, 401, 403) | Admin: create user (201, 400, 401, 403, 409) | | |
| /api/admin/users/:id | Admin: get user by id (200, 400, 401, 403, 404) | | Admin: update user (200, 400, 401, 403, 404, 409) | Admin: delete user (200, 400, 401, 403, 404) |
| /api/admin/roles | Admin: list roles (200, 403) | | | |

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| /api/admin/categories | Admin: list categories (200, 401, 403) | Admin: create category (201, 400, 401, 403, 409) | | |
| /api/admin/categories/:id | | | Admin: update category (200, 400, 401, 403, 404, 409) | Admin: delete category (200, 400, 401, 403, 404, 409) |
| /api/control/budgets | Control: list all budgets (200, 401) | | | |
| /api/control/transactions | Control: list all transactions (200, 401) | | | |