

**Bug Report: Account Management API (account\_route.py)**

- **Date:** 30 July 2025
- **Reporter:** HTH
- **Environment:** Postman, Python, Flask

This report details the defects found during the execution of the test cases for the account management and authorisation module.

Bug ID	Test Case ID	Summary	Description	Priority	Status
ACC-BUG-001	ACC-001-TC-003	Duplicate account creation allowed for the same employee	The API allows the creation of a new account for an employee_id that is already associated with an existing account. This violates the intended one-to-one relationship between an employee and their account.	HIGH	Open
ACC-BUG-002	ACC-001-TC-006, ACC-002-TC-002, ACC-003-TC-004	Account management endpoints lack role-based access control	The endpoints for adding (/account/add), viewing (/account/), and searching (/account/search) accounts are not protected. Any authenticated user,	CRITICAL	Open

			regardless of their role (e.g., a 'Teacher'), can perform these administrative actions.		
<b>ACC-BUG-003</b>	ACC-003-TC-002	Incorrect status code when searching for a non-existent account	When a GET request is sent to the /account/search endpoint with an ID that does not exist, the API returns a 409 Conflict status code.	MEDIUM	Open