Spendwise Routes

Link	Method	Input	Output	Working
Profile				
/register	POST	ProfileDTO (JSON)→ fullName, email, password, profileImageUrl	ProfileDTO (JSON)→ id, fullName, email, profileImageUrl, createdAt, updatedAt	Registers a new user. Password is hashed. Account is marked active. Activation email is sent.
/login	POST	AuthDTO (JSON)→ email, password	JSON containing:token (JWT),user (ProfileDTO without password)	Authenticates user. Verifies credentials. Generates JWT token. Sends back user details.
/health, /status	GET	None	"OK" or some basic server status message	Simple health check endpoint for testing if the server is up.
/profile, /me	POST	JWT token in Header	ProfileDTO	Uses email from token to fetch profile info
Expense				
/expenses/getAllExpensesForCurrentMonth	GET	JWT token in header	List<ExpenseDTO>	Gets all expenses for the authenticated profile for the current month.
/expenses/addExpense	POST	ExpenseDTO (JSON) → name, icon, date, amount, categoryId	ExpenseDTO with DB-generated fields	Adds a new expense for the authenticated profile.
/expenses/deleteExpense/{id}	DELETE	JWT token in header	None	Deletes expense with the given ID if owned by the authenticated user.
/expenses/getLatest5Expenses	GET	JWT token in header	List<ExpenseDTO>	Retrieves latest 5 expenses for the authenticated profile.
/expenses/updateExpense/{id}	POST	ExpenseDTO	ExpenseDTO	Updates an existing expense with new details.
/expenses/getTotalExpenses	GET	JWT token in header	BigDecimal	Returns the total sum of expenses for the authenticated profile.
Income				
/incomes/getAllIncomesForCurrentMonth	GET	JWT token in header	List<IncomeDTO>	Gets all incomes for the authenticated profile for the current month.
/incomes/addIncome	POST	IncomeDTO (JSON) → name, icon, date, amount, categoryId	IncomeDTO with DB-generated fields	Adds a new income for the authenticated profile.
/incomes/deleteIncome/{id}	DELETE	JWT token in header	None	Deletes income with the given ID if owned by the authenticated user.
/incomes/getLatest5Incomes	GET	JWT token in header	List<IncomeDTO>	Retrieves latest 5 incomes for the authenticated profile.
/incomes/updateIncome/{id}	POST	IncomeDTO	IncomeDTO	Updates an existing income with new details.
/incomes/getTotalIncome	GET	JWT token in header	BigDecimal	Returns the total sum of incomes for the authenticated profile.
Category				
/categories/createCategory	POST	CategoryDTO (JSON) → name, type (e.g., "income" or "expense")	CategoryDTO	Creates a new category for the authenticated profile.
/categories/getCategories	GET	JWT token in header	List<CategoryDTO>	Gets all categories for the authenticated profile.
/categories/getCategoriesByType?type=exper	GET	JWT token in header	List<CategoryDTO>	Gets categories filtered by type (income or expense).
/categories/updateCategory/{id}	PUT	CategoryDTO	CategoryDTO	Updates an existing category for the authenticated profile.
Extras				
/filter	POST	Filters transactions based on type (income/expense), date range, ke	FilterDTO JSON:json { "type": "income/expense", "startDate": "yyyy-MM-dd", "endD	200 OK → Filtered list of transactions.400 Bad Request → If type is invalid.
/dashboard	GET	Retrieves aggregated dashboard statistics including income, expens	None	200 OK → JSON object with dashboard metrics.