

## API DOCUMENTATION OF MONEY+

### Authentication

#### 1. Get all users

Description	[All] List of all registered user
Method	GET
URL	/api/users
Headers	-
Body	-
Response Success (200)	<pre>[   {     "username": string,     "name": string,     "id": string,     "age": number   },   ... ]</pre>

#### 2. Sign up

Description	[All] Register user
Method	POST
URL	/api/users/signup
Headers	-
Body	<pre>{   "username": string,   "name": string,</pre>

	<pre> “password”: string, “age”: number } </pre>
Response Success (201)	user created

### 3. Sign in

Description	[All] Login user
Method	POST
URL	/api/users/signin
Headers	-
Body	<pre> {   “username”: string,   “password”: string } </pre>
Response Success (200)	<pre> {   “username”: string,   “name”: string,   “token”: string,   “age”: number } </pre>

## Expenses

### 1. Get all expenses

Description	[Logged In User] Get all their expenses
Method	GET

URL	/api/expenses
Headers	Authorization: Bearer token
Body	-
Response Success (200)	<pre>[   {     "amount": number,     "date": Date,     "id": string,     "category": string,     "isExpense": boolean,     "user": string (user id)   },   ... ]</pre>

## 2. Get expense by id

Description	[Logged In User] Get expense by id
Method	GET
URL	/api/expenses/:id
Headers	Authorization: Bearer token
Body	-
Response Success (200)	<pre>{   "amount": number,   "date": Date,   "id": string,   "category": string,   "isExpense": boolean,</pre>

	<pre> "user": string (user id) } </pre>
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### 3. Create new expense

Description	[Logged In User] Create new expense
Method	POST
URL	/api/expenses
Headers	Authorization: Bearer token
Body	<pre> {   "amount": number,   "date": Date,   "category": string,   "isExpense": boolean,   "user": string (user id) } </pre>
Response Success (201)	Same as body but with id

### 4. Update expense by id

Description	[Logged In User] Update expense by id
Method	PATCH
URL	/api/expenses/:id
Headers	Authorization: Bearer token
Body	<pre> {   "amount": number (optional), </pre>

	<pre> “category”: string (optional) } </pre>
Response Success (200)	<pre> {   “amount”: number,   “date”: Date,   “id”: string,   “category”: string,   “isExpense”: boolean,   “user”: string (user id) } </pre>

## 5. Delete expense by id

Description	[Logged In User] Delete expense by id
Method	DELETE
URL	/api/expenses/:id
Headers	Authorization: Bearer token
Body	-
Response Success (204)	<pre> {   “message”: “expense deleted” } </pre>