🚀 ArcCorp Backend API Documentation

Base URL (Production)

arduino
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https://arccorpbackendprosustrack-production.up.railway.app/api/

📌 Authentication Flow

Your login system uses a 2-step verification with email codes:

1. Client calls `/users/login?email=<email>` → API sends verification code to the provided email.
2. Client calls `/users/login?email=<email>&code=<code>` → API returns JWT on successful code verification.

🔹 GET /users/login

➜ Send Verification Code

Endpoint:

pgsql
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GET /users/login?email=<user_email>

Description:

- Starts the login process by generating and emailing a verification code.

- If user exists: generates a new code.

- If not: creates a pending user with code.

Query Parameters:

Name	Type	Required	Description
email	string	Yes	User email address.

Response 200 OK:

```json
json
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{
  "jwtAuthKey": null,
  "sucessful": true,
  "message": "Verification code sent to aakgur@gmail.com. If you don't
see the email, please check your spam or junk folder."
}
```

➔ Validate Code & Retrieve JWT

Endpoint:

```php-template
php-template
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GET /users/login?email=<user_email>&code=<verification_code>
```

Description:

- Verifies code for email.

- Returns JWT if correct.

Query Parameters:

Name	Type	Required	Description
email	string	Yes	User email address.
code	string	Yes	Verification code from email.

Response 200 OK (success):

json
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```json
{
  "jwtAuthKey": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...",
  "sucessful": true,
  "message": "Login successful"
}
```

Response 401 Unauthorized (wrong code):

json
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```json
{
  "jwtAuthKey": null,
  "sucessful": false,
  "message": "Invalid code"
}
```

◆ GET /users/test_online

Endpoint:

bash
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```bash
GET /users/test_online
```

Description:

- Health check endpoint; verifies the backend is running.

Response 200 OK:

json
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```json
"foobar"
```

📦 Common Response Fields

Field	Type	Description
jwtAuthKey	string	JWT token (null if not yet logged in)
sucessful	boolean	Indicates operation success
message	string	Detailed message for the client

✅ Example Login Sequence

1️⃣ Call:

```sql
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GET /users/login?email=aakgur@gmail.com
```

→ Server emails a verification code.

2️⃣ Call:

```sql
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GET /users/login?email=aakgur@gmail.com&code=1234
```

→ If correct, you get your JWT in the response.

3️⃣ Include the JWT in future requests as:

```makefile
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Authorization: Bearer <jwtAuthKey>
```

🌐 Status Codes

- **200 OK** — Success (codes sent, validated, or test).

- **400 Bad Request** — Missing parameters.

- **401 Unauthorized** — Invalid verification code.

- **500 Internal Server Error** — Unexpected server issue.

🔐 Security

✅ **HTTPS** is enforced via Railway's default SSL certificates.
✅ JWTs are signed server-side and expire based on your AuthService settings.

🛡️ Contact

For support with ArcCorp API, email `arccorpinfo@gmail.com`.