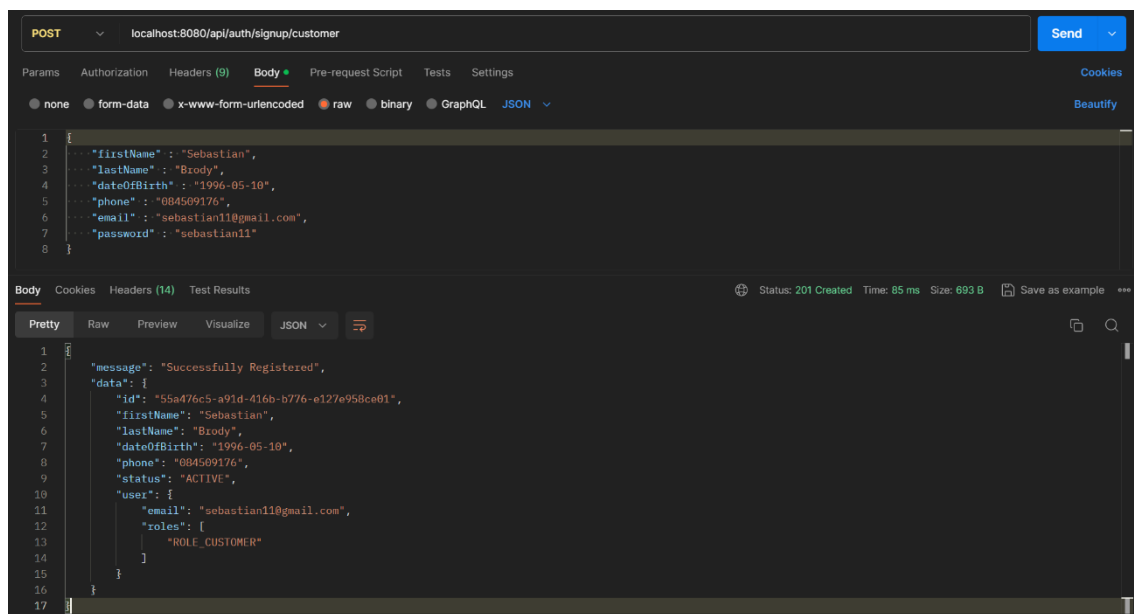


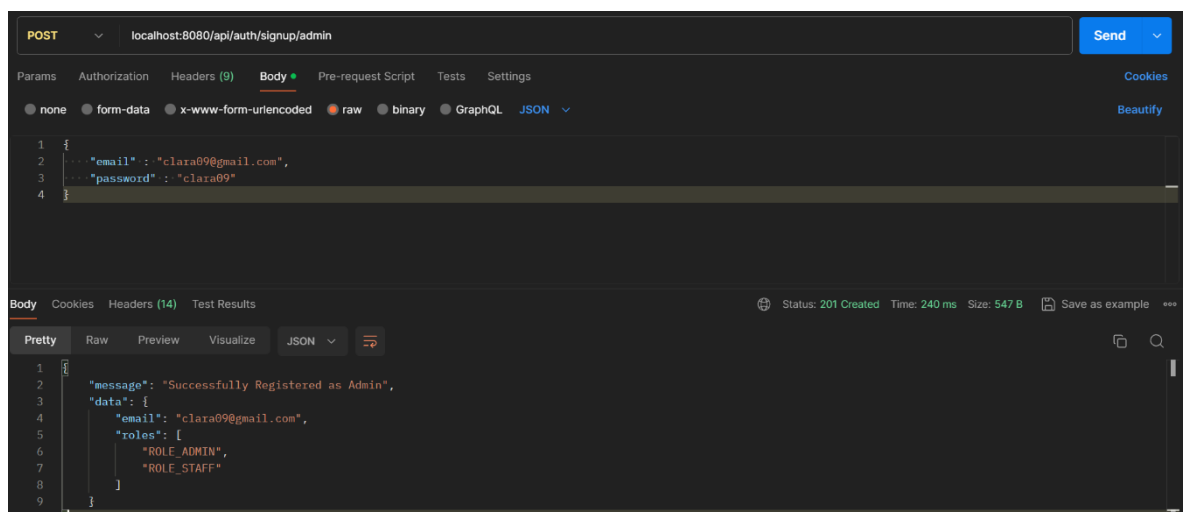
Loan Application API Documentation

API Functionality summarized: This API enables a registered user (customer) to request a loan. The request will then be evaluated by admin and admin can APPROVE or REJECT the loan request as they see fit. If the request is approved, the customer has to pay the loan each month according to the instalment type they chose plus the interest rate chosen by admin. Most get all operation are only accessible by admin, adding loan type and instalment type are also admin only. Listed and documented pictures below are only some of the feature of this API. The get service will be documented via SQL on a separate file. **Full postman documentation available on links provided at README.md**

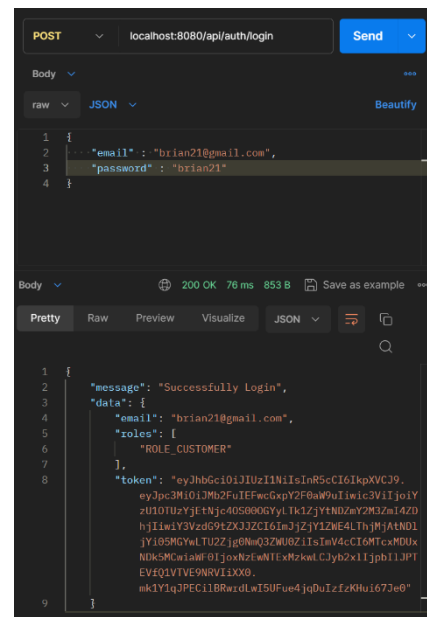
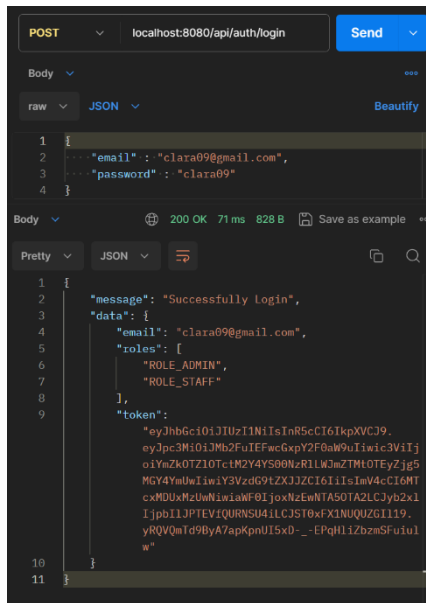
1. Register as Customer



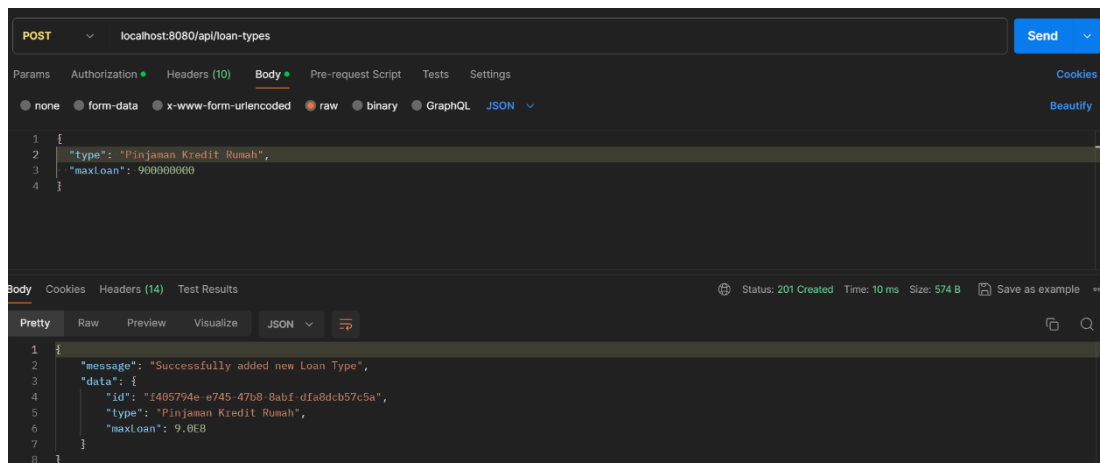
2. Register as Admin



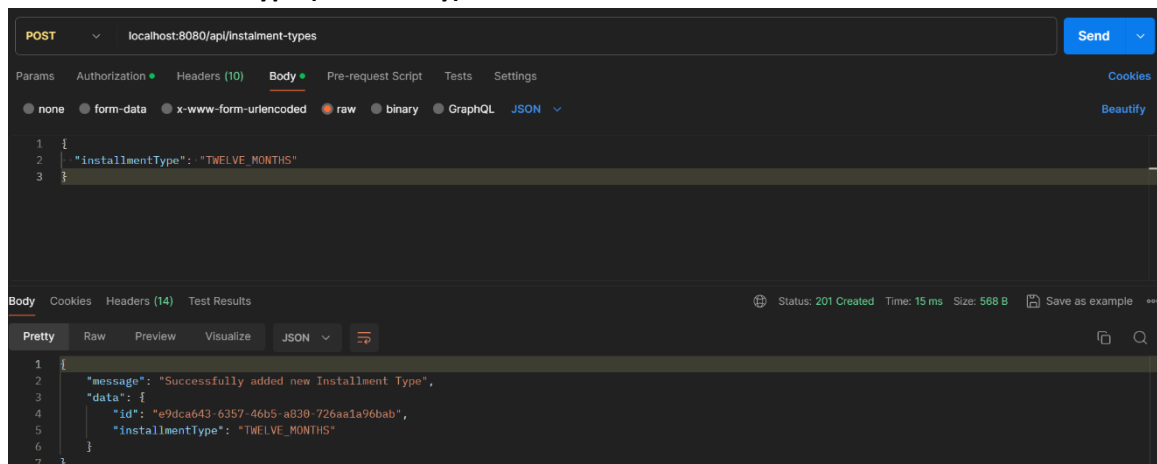
3. Login (as admin and as customer)



4. Add Loan Type (admin only)

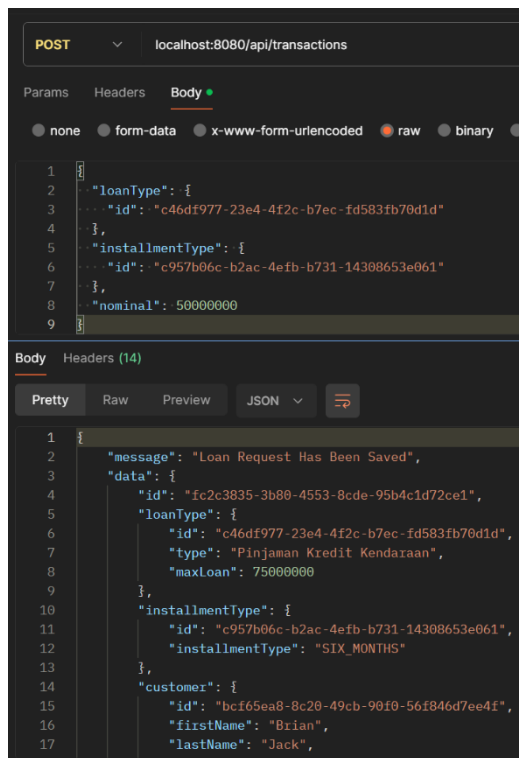


5. Add Instalment Type (admin only)



6. Request a Loan (customer only)

Null value will be updated when the request is approved by admin.

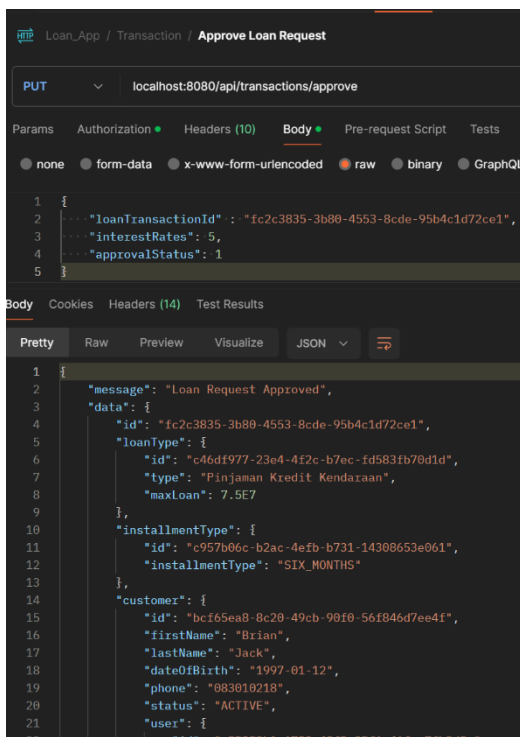


```
    "dateOfBirth": "1997-01-12",
    "phone": "083010218",
    "status": "ACTIVE",
    "user": {
      "id": "c55953b1-6789-48f2-95f6-46fcc7fb8d8c",
      "email": "brian21@gmail.com",

```

```
      "roles": [
        {
          "role_id": "36171080-da72-4dfe-bddb-ce4a1272aa44",
          "name": "ROLE_CUSTOMER"
        }
      ],
    },
    "nominal": 50000000,
    "interestRate": null,
    "approvedAt": null,
    "approvedBy": null,
    "approvalStatus": null,
    "loanStatus": null,
    "loanTransactionDetails": null,
    "createdAt": 20240315,
    "updatedAt": null
  }
}
```

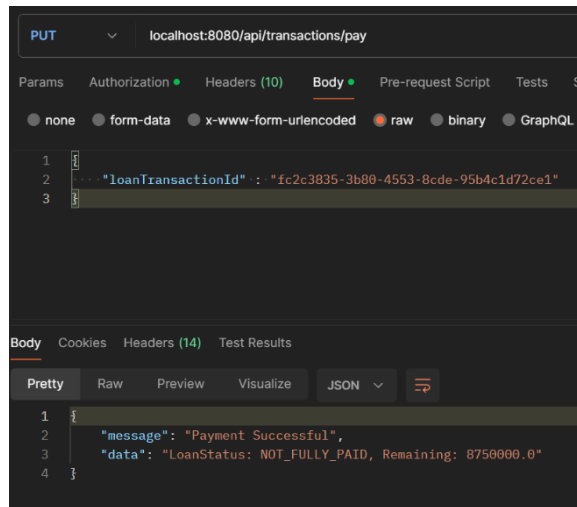
7. Approve Loan Request (admin only)



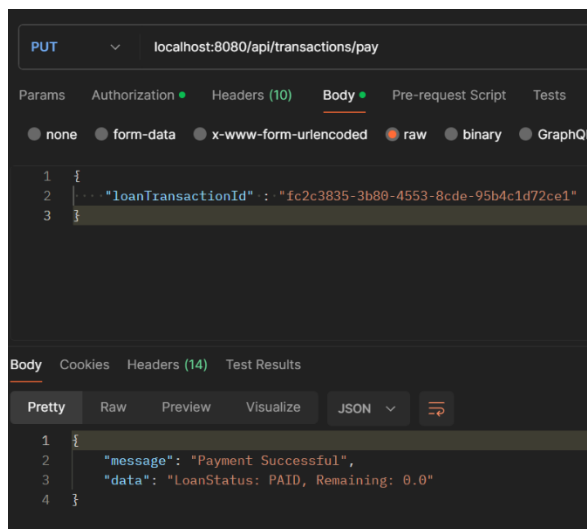
```
        "role_id": "36171080-da72-4dfe-bddb-ce4a1272aa44",
        "name": "ROLE_CUSTOMER"
      }
    ],
    "nominal": 5.0E7,
    "interestRate": 5,
    "approvedAt": 20240315,
    "approvedBy": "clara09@gmail.com",
    "approvalStatus": "APPROVED",
    "loanStatus": "UNPAID",
    "loanTransactionDetails": [
      {
        "id": "fda4a942-b7d7-4510-9fd3-8d5e21be5038",
        "transactionDate": 20240315,
        "nominal": 5.25E7,
        "atInstallmentNumber": 0,
        "updatedAt": 20240315
      }
    ]
  }
}
```

8. Pay Instalment (customer only)

a. When paying (not fully paid)



b. When fully paid



c. When trying to pay an already paid loan

