Sign - Up

- User DTO has errors — return 400, null
- User DTO has no errors

      - User is not valid —> status - NOT_ACCEPTABLE
                                        return user.

      - User already exists —> status - NOT_ACCEPTABLE
                                        return user.

      - User Created Successfully —> status - ACCEPTED
                                        return new User

      - Any Exception —> throw UserSignUpRes. onreException
                                  Status — INTERNAL SERVER ERROR

Log In

Expects : username & password

- 1) username or password not present —> status — BAD REQUEST
                                    return null

- 1) present

      - credentials not valid

      - credentials valid
            - user not found

                    status — NOT ACCEPTABLE
                    return Login creds

            - user found — status — FOUND
                          return User;

Get Coins

Expects : username & password

— 1) username or password not present → status — BAD REQUEST
                                                        return null

— 1) present
    ┌— credentials not valid   ┐
    │   │   status — NOT ACCEPTABLE
    └— credentials valid   │   return Login creds
        ┌— user not found   ┘
        │
        └— user found — status — FOUND
                          return List of coins form API