

UniPoint backend dokumentáció

Tiszolczy Jácint

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1 MySQL Szerver

- Szolgáltató: Azure Database for MySQL flexible server
- Config: Burstable, B1ms, 1 vCores, 2 GiB RAM, 20 storage, 360 IOPS
- Hely: Poland Central
- Admin login
 - Username: uniPointAdmin
 - Password: appsettings.json-ben
- Tűzfal
 - Csak az Azureon lévő backend érhetné el az adatbázist, de jelenleg minden IP elérheti hogy lokálisan is lehessen futtatni a backendet.

2 Host

- Szolgáltató: Azure App Service
- Link: <https://unipoint-b6h6h4cubncmafhh.polandcentral-01.azurewebsites.net/>
- Hely: Poland Central
- Config: Basic (B1)
- Image: uniPointbackend20250412181409.azurecr.io/unipoint-backend:latest

3 Tárhely

- Itt vannak tárolva a képek, az adatbázisban csak az URL-lek vannak.
- Szolgáltató: Azure Blob Storage
- Hely: Poland Central
- Container: img
- Link: <https://tiszolczijacint.blob.core.windows.net/img/>

4 CI/CD

- Github Actions
 - Függőségeket letölti
 - Konténerizálja a backendet
 - Futtatja a teszteket
 - * Ha a tesztek nem sikerülnek akkor nem tölti fel
 - Privát Azure Container Registry-be felölti az image-t
 - App Service automatikusan frissül

5 Adatbázis felépítése

Az adatbázis elkészítését az EntityFramework kezeli, tehát a model osztályokból készíti a táblákat és a kapcsolatokat. Az adatbázis MySQL alapú, ezt a Pomelo.EntityFrameworkCore.MySql NuGet package valósítja meg.

5.1 user tábla

- Id: PK, VARCHAR(255), not null, unique
- UserName: LONGTEXT, not null, 1-30 hosszú
- Email: VARCHAR(255), email validáció
- PhoneNumber: LONGTEXT, telefonszám validáció
- ProfilePictureUrl: VARCHAR(255), not null, default: <https://tiszolczijacint.blob.core.windows.net/img/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg>
- CreatedAt: DATETIME(6), not null, timestamp validáció, default: létrehozás dátuma UTC
- PasswordHash: LONGTEXT, not null, automatikus titkosítás
- Location: VARCHAR(255)

- IsPushNotificationsEnabled: TINYINT(1), (Entityframework bool)
- UserSelectedLanguage: LONGTEXT, Lehetséges értékek: "magyar", "angol"

IdentityUser által létrehozott, közvetlenül nem használt

- AccessFailedCount: INT(11), not null
- ConcurrencyStamp: LONGTEXT
- EmailConfirmed: TINYINT(1), not null
- LockoutEnabled: TINYINT(1), not null
- LockoutEnd: DATETIME(6)
- NormalizedEmail: LONGTEXT
- NormalizedUserName: LONGTEXT
- PhoneNumberConfirmed: TINYINT(1), not null
- SecurityStamp: LONGTEXT
- TwoFactorEnabled: TINYINT(1), not null

5.2 services tábla

- ServiceId: PK, INT(11), not null, unique
- UserId: VARCHAR(255), not null, FK: user.Id, (Szolgáltató Id)
- ServiceName: VARCHAR(255), not null
- Price: INT(11), not null
- Description: VARCHAR(2000), not null
- Address: VARCHAR(255), not null
- Duration: INT(11)
- CategoryId: INT, not null
- ImageUrls: LONGTEXT (Entityframework string list)
- ClosesAt: TIME(6)
- OpensAt: TIME(6)

5.3 categories tábla

- CategoryId: PK, INT, not null, default: `https://tiszolczijacint.blob.core.windows.net/img/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg`
- Name: VARCHAR(255), not null
- IconUrl: LONGTEXT

5.4 appointments tábla

- Id: PK, INT(11), not null, unique
- UserId: VARCHAR(255), FK: user.Id, (Foglaló Id)
- ServiceId: INT(11), not null, FK: services.ServiceId
- appointmentDate: DATETIME(6), not null, timestamp validáció
- Status: INT(11), not null
 - az EF kezeli, igazából enum
 - lehetséges értékei:
 - * OPEN
 - * SCHEDULED
 - * DONE
 - * CANCELLED_BY_USER
 - * CANCELLED_BY_SERVICE
 - default: OPEN

5.5 reviews tábla

- ReviewId: PK, INT(11), not null, unique
- UserId: VARCHAR(255), FK: user.Id, (Értékelő Id)
- ServiceId: INT(11), not null, FK: services.ServiceId
- Score: INT(11), not null, értéke 1-5
- Description: VARCHAR(2000), not null
- CreatedAt: DATETIME(6), not null, timestamp validáció, default: létrehozás dátuma UTC

5.6 EntityFramework és IdentityUser által létrehozott táblák

- roleclaims
 - Id: PK, INT(11), not null, unique
 - RoleId: LONGTEXT
 - ClaimType: LONGTEXT
 - ClaimValue: LONGTEXT
- roles
 - Id: PK, VARCHAR(255), not null, unique
 - Name: LONGTEXT
 - NormalizedName: LONGTEXT
 - ConcurrencyStamp: LONGTEXT
- userclaims
 - Id: PK, INT(11), not null, unique
 - UserId: LONGTEXT
 - ClaimType: LONGTEXT
 - ClaimValue: LONGTEXT
- userlogins
 - LoginProvider: PK, VARCHAR(255), not null, unique
 - ProviderKey: PK, VARCHAR(255), not null, unique
 - ProviderDisplayName: LONGTEXT
 - UserId: LONGTEXT
- userroles
 - UserId: PK, VARCHAR(255), not null, unique
 - RoleId: PK, VARCHAR(255), not null, unique
- usertokens
 - UserId: PK, VARCHAR(255), not null, unique
 - LoginProvider: PK, VARCHAR(255), not null, unique
 - Name: PK, VARCHAR(255), not null, unique
 - Value: LONGTEXT
- __efmigrationhistory
 - MigrationId: PK, VARCHAR(150), not null, unique
 - ProductVersion: VARCHAR(32), not null

6 Végpontok

Swagger: <https://unipoint-b6h6h4cubncmafhh.polandcentral-01.azurewebsites.net/swagger/index.html>

- A hitelesítéshez a bejelentkezéskor kapott JWT tokent be kell másolni az Authorize részbe.

6.1 Auth

6.1.1 Register

- url: /api/Auth/register
- POST request:

```
{
  "userName": "jeno",
  "email": "jeno@example.com",
  "location": "Gyor",
  "password": "Jeno123",
  "role": "User"
}
```

- Response:
 - StatusCode: 200

```
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiI1YmM1MDk3Mi01M2RmLTQ1NmEtOGU2MC1jMzcyMjJhZDEwM2QlLCJlbWVpbmCI6Implbm9AZXhhbXBsZS5jb20iLCJ1bmlxdWVfbmFtZSI6Implbm8iLCJsb2NhdGlvbiI6Ikd5b3IiLCJodHRwOiI8vc2NoZW1hcy5taWNYb3NvZnQuY29tL3dzLzIwMDgvdMDYvaWRlbnRpdHkvY2xhaw1zL3JvbGUiOiJVC2VyIiwiaXhwIjoxNzQ10TE3MjUyLCJpc3MiOiJodHRwczovL3VuaXBvaW50LWIi2aDZoNGN1Ym5jbWFMaGgucG9sYW5kY2VudHJhbmC0wMS5henVyZXdlYnNpdGVzLm5ldCIsImF1ZCI6Imh0dHBzOi8vdW5pcG9pbmQtYjZ0Nm90Y3VibmNtYWZoaC5wb2xhbmRjZW50cmFsLTAxLmF6dXJld2Vic2l0ZXMuYmV0In0.pSL_OrSHcPK8fZqLmHTtL",
  "message": "User registered successfully!",
  "userId": "5bc50972-53df-456a-8e60-c37222ad103d",
  "userName": "jeno",
  "email": "jeno@example.com",
  "location": "Gyor"
}
```


6.2 User

6.2.1 Get Users

- url: /api/User
- GET request
- Response:
 - StatusCode: 200

```
[
  {
    "userName": "HabosBabos",
    "email": "habos@babos.com",
    "location": "habos",
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/i_
↪ mg/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg"
  },
  {
    "userName": "KisJeno",
    "email": "kisjeno@example.com",
    "location": "Budapest Váci út 93",
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/i_
↪ mg/20055bcd-ed28-4e8c-acbe-9be90e14f4d3.jpg"
  }
]
```

6.2.2 Get User by ID

- url: /api/User/{id}
- GET request (/api/User/5bc50972-53df-456a-8e60-c37222ad103d)
- Response:
 - StatusCode: 200

```
{
  "userName": "jeno",
  "email": "jeno@example.com",
  "location": "Gyor",
  "role": "User",
  "createdAt": "2025-04-22T09:00:52.015807"
}
```


6.2.3 Update User

- Role: Current User
- url: /api/User/{id}
- PUT request (/api/User/5bc50972-53df-456a-8e60-c37222ad103d)

```
{
  "userName": "jeno",
  "email": "jeno@example.com",
  "location": "Budapest",
  "isPushNotificationsEnabled": true,
  "userSelectedLanguage": "magyar"
}
```

- Response:
 - StatusCode: 200

```
{
  "userName": "jeno",
  "email": "jeno@example.com",
  "location": "Budapest",
  "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/img_
↪ /20055bcd-ed28-4e8c-acbe-9be90e14f4d3.jpg"
}
```

6.2.4 Change User Profile Picture

- Role: Current User
- url: /api/User/{id}/upload-profile-picture
- POST request (/api/User/5bc50972-53df-456a-8e60-c37222ad103d/upload-profile-picture)

```
{
  "headers": {
    "accept": "*/*",
    "Authorization": "Bearer [token]",
    "Content-Type": "multipart/form-data"
  },
  "body": {
    "file": {
      "value": "@pfp.jpg",
      "options": {
        "filename": "pfp.jpg",
        "contentType": "image/jpeg"
      }
    }
  }
}
```

```
}  
}  
}
```

- Response:
 - StatusCode: 200

```
{  
  "userName": "jeno",  
  "email": "jeno@example.com",  
  "location": "Budapest",  
  "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/img_↵  
    /bb405441-c3af-4c21-9757-7ed00a7b40f1.jpg"  
}
```

6.2.5 Delete User

- Role: Current User
- url: /api/User/{id}
- DELETE request (*api/User/5bc50972-53df-456a-8e60-c37222ad103d*)
- Response:
 - StatusCode: 200

```
{  
  "message": "User deleted successfully."  
}
```

6.3 Service

6.3.1 Get Services

- url: /api/Service
- GET request
- Response:
 - StatusCode: 200

```
[  
  {  
    "serviceId": 1,  
    "userId": "5b02dd18-efa6-49e4-bb14-72956dfd92fb",  
    "provider": {
```

```

    "userName": "NagyFerenc",
    "email": "nagyferenc@example.com",
    "location": "Győr Budai Út 23",
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/
    ↪ /img/ab68b3c7-6e09-4a8b-a9c0-f587cc95d214.jpg"
  },
  "category": {
    "categoryId": 1,
    "name": "Hajvágás",
    "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/7addb/
    ↪ 194-b06e-492f-8be0-47a1f03de298.png"
  },
  "categoryId": 1,
  "serviceName": "Férfi hajvágás",
  "price": 5000,
  "description": "Donec pretium posuere tellus. Nullam rutrum.
  ↪ Praesent augue. Aliquam erat volutpat. Nunc eleifend leo vitae
  ↪ magna. In id erat non orci commodo lobortis. Proin neque massa,
  ↪ cursus ut, gravida ut, lobortis eget, lacus. Sed diam. Praesent
  ↪ fermentum tempor tellus. Nullam tempus. Mauris ac felis vel
  ↪ velit tristique imperdiet. Donec at pede. Etiam vel neque nec
  ↪ dui dignissim bibendum. Vivamus id enim. Phasellus neque orci,
  ↪ porta a, aliquet quis, semper a, massa. Phasellus purus.
  ↪ Pellentesque tristique imperdiet tortor. Nam euismod tellus id
  ↪ erat.",
  "address": "Győr Budai Út 83",
  "duration": 20,
  "openingHours": 0,
  "imageUrls": [
    "https://tiszolczijacint.blob.core.windows.net/img/cda0f295-d78b-40/
    ↪ f0-a5cc-d2b224b5cc46.jpg",
    "https://tiszolczijacint.blob.core.windows.net/img/3edda464-8ae6-48/
    ↪ 1d-ba57-7b271cce2ec4.jpg"
  ]
},
{
  "serviceId": 2,
  "userId": "35a3407f-5d3f-4715-a6b6-51f154c40511",
  "provider": {
    "userName": "KisJeno",
    "email": "kisjeno@example.com",
    "location": "Budapest Váci út 93",
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/
    ↪ /img/20055bcd-ed28-4e8c-acbe-9be90e14f4d3.jpg"
  },
  "category": {
    "categoryId": 2,
    "name": "Szerelés",
    "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/ef143/
    ↪ 1cf-2236-4214-b261-46b83a4fcc9a.png"
  },

```

```

    "categoryId": 2,
    "serviceName": "Mobiltelefon szerelés",
    "price": 20000,
    "description": "Donec pretium posuere tellus. Nullam rutrum.
    ↪ Praesent augue. Aliquam erat volutpat. Nunc eleifend leo vitae
    ↪ magna. In id erat non orci commodo lobortis. Proin neque massa,
    ↪ cursus ut, gravida ut, lobortis eget, lacus. Sed diam. Praesent
    ↪ fermentum tempor tellus. Nullam tempus. Mauris ac felis vel
    ↪ velit tristique imperdiet. Donec at pede. Etiam vel neque nec
    ↪ dui dignissim bibendum. Vivamus id enim. Phasellus neque orci,
    ↪ porta a, aliquet quis, semper a, massa. Phasellus purus.
    ↪ Pellentesque tristique imperdiet tortor. Nam euismod tellus id
    ↪ erat.",
    "address": "Budapest Váci út 93",
    "duration": 100,
    "openingHours": 0,
    "imageUrls": [
      "https://tiszolczijacint.blob.core.windows.net/img/b351255a-1ad5-48
      ↪ dd-b6ef-8c15a1644b81.jpg",
      "https://tiszolczijacint.blob.core.windows.net/img/f1771efb-a476-4e
      ↪ 48-a52f-f8c5c211669a.jpg"
    ]
  }
]

```

6.3.2 Get Service by ID

- url: /api/Service/{id}
- GET request (/api/Service/1)
- Response:
 - StatusCode: 200

```

{
  "serviceId": 1,
  "userId": "5b02dd18-efa6-49e4-bb14-72956dfd92fb",
  "provider": {
    "userName": "NagyFerenc",
    "email": "nagyferenc@example.com",
    "location": "Győr Budai Út 23",
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/i
    ↪ mg/ab68b3c7-6e09-4a8b-a9c0-f587cc95d214.jpg"
  },
  "category": {
    "categoryId": 1,
    "name": "Hajvágás",
    "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/7addb19
    ↪ 4-b06e-492f-8be0-47a1f03de298.png"
  }
}

```

```

},
"categoryId": 1,
"serviceName": "Férfi hajvágás",
"price": 5000,
"description": "Donec pretium posuere tellus. Nullam rutrum. Praesent
↪ augue. Aliquam erat volutpat. Nunc eleifend leo vitae magna. In
↪ id erat non orci commodo lobortis. Proin neque massa, cursus ut,
↪ gravida ut, lobortis eget, lacus. Sed diam. Praesent fermentum
↪ tempor tellus. Nullam tempus. Mauris ac felis vel velit tristique
↪ imperdiet. Donec at pede. Etiam vel neque nec dui dignissim
↪ bibendum. Vivamus id enim. Phasellus neque orci, porta a, aliquet
↪ quis, semper a, massa. Phasellus purus. Pellentesque tristique
↪ imperdiet tortor. Nam euismod tellus id erat.",
"address": "Győr Budai Út 83",
"duration": 20,
"openingHours": 0,
"imageUrls": [
  "https://tiszolczijacint.blob.core.windows.net/img/cda0f295-d78b-40f0_
↪ -a5cc-d2b224b5cc46.jpg",
  "https://tiszolczijacint.blob.core.windows.net/img/3edda464-8ae6-481d_
↪ -ba57-7b271cce2ec4.jpg"
]
}

```

6.3.3 Post new Service

- Role: Provider
- url: /api/Service
- POST request:

```

{
  "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
  "categoryId": 2,
  "serviceName": "Autó szerelés",
  "price": 30000,
  "description": "Praesent a eros sit amet eros hendrerit semper in quis
↪ purus. Aenean sagittis felis vitae iaculis fermentum. Etiam tempus
↪ imperdiet mollis. Vivamus pretium mi non nibh iaculis venenatis.
↪ Donec pellentesque, felis a pharetra ultricies, ante enim
↪ consectetur lectus, nec vestibulum nisi augue sit amet dolor. Aenean
↪ vitae tempor mauris. Cras volutpat hendrerit neque id ultrices. ",
  "address": "Gyor Szent Istvan ut 95",
  "duration": 120,
  "opensAt": "08:00:00",
  "closesAt": "17:00:00"
}

```

- Response:

– StatusCode: 201

```
{
  "serviceId": 3,
  "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
  "provider": null,
  "category": null,
  "categoryId": 2,
  "serviceName": "Autó szerelés",
  "price": 30000,
  "description": "Praesent a eros sit amet eros hendrerit semper in quis
  ↪ purus. Aenean sagittis felis vitae iaculis fermentum. Etiam tempus
  ↪ imperdiet mollis. Vivamus pretium mi non nibh iaculis venenatis.
  ↪ Donec pellentesque, felis a pharetra ultricies, ante enim
  ↪ consectetur lectus, nec vestibulum nisi augue sit amet dolor. Aenean
  ↪ vitae tempor mauris. Cras volutpat hendrerit neque id ultrices. ",
  "address": "Gyor Szent Istvan ut 95",
  "duration": 120,
  "opensAt": "08:00:00",
  "closesAt": "17:00:00",
  "imageUrls": null
}
```

6.3.4 Update Service

- Role: Provider of service
- url: /api/Service/{id}
- PUT request (/api/Service/3)

```
{
  "serviceId": 3,
  "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
  "serviceName": "Autó szerelés",
  "price": 40000,
  "description": "Praesent a eros sit amet eros hendrerit semper in quis
  ↪ purus. Aenean sagittis felis vitae iaculis fermentum. Etiam tempus
  ↪ imperdiet mollis. Vivamus pretium mi non nibh iaculis venenatis.
  ↪ Donec pellentesque, felis a pharetra ultricies, ante enim
  ↪ consectetur lectus, nec vestibulum nisi augue sit amet dolor. Aenean
  ↪ vitae tempor mauris. Cras volutpat hendrerit neque id ultrices. ",
  "address": "Gyor Szent Istvan ut 95",
  "duration": 120,
  "opensAt": "08:00:00",
  "closesAt": "17:30:00"
}
```

- Response:

– StatusCode: 200

```
{
  "serviceId": 3,
  "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
  "provider": null,
  "category": null,
  "categoryId": 2,
  "serviceName": "Autó szerelés",
  "price": 40000,
  "description": "Praesent a eros sit amet eros hendrerit semper in quis
  ↪ purus. Aenean sagittis felis vitae iaculis fermentum. Etiam tempus
  ↪ imperdiet mollis. Vivamus pretium mi non nibh iaculis venenatis.
  ↪ Donec pellentesque, felis a pharetra ultricies, ante enim
  ↪ consectetur lectus, nec vestibulum nisi augue sit amet dolor. Aenean
  ↪ vitae tempor mauris. Cras volutpat hendrerit neque id ultrices. ",
  "address": "Gyor Szent Istvan ut 95",
  "duration": 120,
  "opensAt": "08:00:00",
  "closesAt": "17:30:00",
  "imageUrls": null
}
```

6.3.5 Add Images to Service

- Role: Provider of service
- url: /api/Service/{id}/upload-service-picture
- POST request (/api/Service/3/upload-service-picture)

```
{
  "headers": {
    "accept": "*/*",
    "Authorization": "Bearer [token]",
    "Content-Type": "multipart/form-data"
  },
  "body": {
    "files": [
      {
        "value": "@car1.jpg",
        "options": {
          "filename": "car1.jpg",
          "contentType": "image/jpeg"
        }
      },
      {
        "value": "@car2.jpg",
        "options": {
```

```

        "filename": "car2.jpg",
        "contentType": "image/jpeg"
      }
    },
    {
      "value": "@car3.jpg",
      "options": {
        "filename": "car3.jpg",
        "contentType": "image/jpeg"
      }
    }
  ]
}

```

- Response:

- StatusCode: 200

```

{
  "serviceId": 3,
  "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
  "provider": null,
  "category": null,
  "categoryId": 2,
  "serviceName": "Autó szerelés",
  "price": 40000,
  "description": "Praesent a eros sit amet eros hendrerit semper in quis
↪ purus. Aenean sagittis felis vitae iaculis fermentum. Etiam tempus
↪ imperdiet mollis. Vivamus pretium mi non nibh iaculis venenatis.
↪ Donec pellentesque, felis a pharetra ultricies, ante enim
↪ consectetur lectus, nec vestibulum nisi augue sit amet dolor. Aenean
↪ vitae tempor mauris. Cras volutpat hendrerit neque id ultrices. ",
  "address": "Gyor Szent Istvan ut 95",
  "duration": 120,
  "opensAt": "08:00:00",
  "closesAt": "17:00:00",
  "imageUrls": [
    "https://tiszolczijacint.blob.core.windows.net/img/2136ae16-7f2d-47c0_
↪ -b30a-737c3c255500.jpg",
    "https://tiszolczijacint.blob.core.windows.net/img/6e143f27-6257-4df2_
↪ -8471-887d9a92ec9e.jpg",
    "https://tiszolczijacint.blob.core.windows.net/img/1f148c9b-4341-494b_
↪ -8219-56046bec830d.jpg"
  ]
}

```


6.3.6 Delete Service

- Role: Provider of service
- url: /api/Service/{id}
- DELETE request (*api/Service/3*)
- Response:
 - StatusCode: 200

6.4 Category

6.4.1 Get Categories

- url: /api/Category
- GET request
- Response:
 - StatusCode: 200

```
[
  {
    "categoryId": 1,
    "name": "Hajvágás",
    "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/7addb19_
    ↪ 4-b06e-492f-8be0-47a1f03de298.png"
  },
  {
    "categoryId": 2,
    "name": "Szerelés",
    "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/ef1431c_
    ↪ f-2236-4214-b261-46b83a4fcc9a.png"
  }
]
```

6.4.2 Post new Category

- Role: Admin
- url: /api/Category
- POST request:

```
{
  "name": "TestCategory"
}
```

- Response:
 - StatusCode: 201

```
{
  "categoryId": 3,
  "name": "TestCategory",
  "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/63cf316b-
↪ 35a1-432e-92fe-0f2d0b2029c3.jpg"
}
```

6.4.3 Get Category by ID

- url: /api/Category/{id}
- GET request (/api/Category/3)
- Response:
 - StatusCode: 200

```
{
  "categoryId": 3,
  "name": "TestCategory",
  "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/63cf316b-
↪ 35a1-432e-92fe-0f2d0b2029c3.jpg"
}
```

6.4.4 Update Category

- Role: Admin
- url: /api/Category/{id}
- PUT request (/api/Category/3)

```
{
  "categoryId": 3,
  "name": "UpdatedName"
}
```

- Response:
 - StatusCode: 204

6.4.5 Update Category image

- Role: Admin
- url: /api/Category/{id}/upload-categoryicon
 - POST request (/api/Category/3/upload-categoryicon)

```
{
  "method": "POST",
  "headers": {
    "accept": "*/*",
    "Authorization": "[token]",
    "Content-Type": "multipart/form-data"
  },
  "body": {
    "file": {
      "path": "category.png",
      "type": "image/png"
    }
  }
}
```

- Response:
 - StatusCode: 200

```
{
  "categoryId": 3,
  "name": "UpdatedName",
  "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/d2712c94-  
↳ d3de-4afa-a3b0-19bec6aa58ee.png"
}
```

6.4.6 Delete Category

- Role: Admin
- url: /api/Category/{id}
- DELETE request (/api/Category/3)
- Response:
 - StatusCode: 204

6.5 Appointment

6.5.1 Get Appointments

- url: /api/Appointment
- GET request
- Response:
 - StatusCode: 200

```
[
  {
    "id": 4,
    "userId": "e71892bc-d7bc-4bc3-9894-6ab02d5bcfee",
    "booker": {
      "userName": "Nagy_Janos",
      "email": "nagyjanos@example.com",
      "location": "Győr Baross út 34",
      "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/
↳ /img/97ffcfbe-b0df-437e-9437-dab0c109b036.jpg"
    },
    "service": {
      "serviceId": 1,
      "userId": "5b02dd18-efa6-49e4-bb14-72956dfd92fb",
      "provider": {
        "userName": "NagyFerenc",
        "email": "nagyferenc@example.com",
        "location": "Győr Budai Út 23",
        "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.n
↳ et/img/ab68b3c7-6e09-4a8b-a9c0-f587cc95d214.jpg"
      },
      "category": {
        "categoryId": 1,
        "name": "Hajvágás",
        "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/7ad
↳ db194-b06e-492f-8be0-47a1f03de298.png"
      },
      "categoryId": 1,
      "serviceName": "Férfi hajvágás",
      "price": 5000,
      "description": "Donec pretium posuere tellus. Nullam rutrum.
↳ Praesent augue. Aliquam erat volutpat. Nunc eleifend leo vitae
↳ magna. In id erat non orci commodo lobortis. Proin neque
↳ massa, cursus ut, gravida ut, lobortis eget, lacus. Sed diam.
↳ Praesent fermentum tempor tellus. Nullam tempus. Mauris ac
↳ felis vel velit tristique imperdiet. Donec at pede. Etiam vel
↳ neque nec dui dignissim bibendum. Vivamus id enim. Phasellus
↳ neque orci, porta a, aliquet quis, semper a, massa. Phasellus
↳ purus. Pellentesque tristique imperdiet tortor. Nam euismod
↳ tellus id erat.",
```

```

    "address": "Győr Budai Út 83",
    "duration": 20,
    "openingHours": 0,
    "imageUrls": [
      "https://tiszolczijacint.blob.core.windows.net/img/cda0f295-d78b-
        ↪ 40f0-a5cc-d2b224b5cc46.jpg",
      "https://tiszolczijacint.blob.core.windows.net/img/3edda464-8ae6-
        ↪ 481d-ba57-7b271cce2ec4.jpg"
    ]
  },
  "serviceId": 1,
  "appointmentDate": "2025-04-13T15:27:23.223197",
  "status": 1
}
]

```

6.5.2 Get Appointment by ID

- url: /api/Category/{id}
- GET request (/api/Appointment/4)
- Response:
 - StatusCode: 200

```

{
  "id": 4,
  "userId": "e71892bc-d7bc-4bc3-9894-6ab02d5bcfee",
  "booker": {
    "userName": "Nagy_Janos",
    "email": "nagyjanos@example.com",
    "location": "Győr Baross út 34",
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/i
      ↪ mg/97ffcfbe-b0df-437e-9437-dab0c109b036.jpg"
  },
  "service": {
    "serviceId": 1,
    "userId": "5b02dd18-efa6-49e4-bb14-72956dfd92fb",
    "provider": {
      "userName": "NagyFerenc",
      "email": "nagyferenc@example.com",
      "location": "Győr Budai Út 23",
      "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net
        ↪ /img/ab68b3c7-6e09-4a8b-a9c0-f587cc95d214.jpg"
    },
    "category": null,
    "categoryId": 1,
    "serviceName": "Férfi hajvágás",
    "price": 5000,
  }
}

```

```

    "description": "Donec pretium posuere tellus. Nullam rutrum.
    ↪ Praesent augue. Aliquam erat volutpat. Nunc eleifend leo vitae
    ↪ magna. In id erat non orci commodo lobortis. Proin neque massa,
    ↪ cursus ut, gravida ut, lobortis eget, lacus. Sed diam. Praesent
    ↪ fermentum tempor tellus. Nullam tempus. Mauris ac felis vel
    ↪ velit tristique imperdiet. Donec at pede. Etiam vel neque nec
    ↪ dui dignissim bibendum. Vivamus id enim. Phasellus neque orci,
    ↪ porta a, aliquet quis, semper a, massa. Phasellus purus.
    ↪ Pellentesque tristique imperdiet tortor. Nam euismod tellus id
    ↪ erat.",
    "address": "Győr Budai Út 83",
    "duration": 20,
    "openingHours": 0,
    "imageUrls": [
        "https://tiszolczijacint.blob.core.windows.net/img/cda0f295-d78b-40
        ↪ f0-a5cc-d2b224b5cc46.jpg",
        "https://tiszolczijacint.blob.core.windows.net/img/3edda464-8ae6-48
        ↪ 1d-ba57-7b271cce2ec4.jpg"
    ]
},
"serviceId": 1,
"appointmentDate": "2025-04-13T15:27:23.223197",
"status": 1
}

```

6.5.3 Get Open Appointments

- url: /api/Appointment/open
- GET request
- Response:
 - StatusCode: 200

```

[
  {
    "id": 42,
    "userId": null,
    "booker": null,
    "service": {
      "serviceId": 4,
      "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
      "provider": {
        "userName": "gabor",
        "email": "gabor@example.com",
        "location": "Gypr",
        "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.n
        ↪ et/img/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg"
      }
    }
  },

```

```

    "category": {
      "categoryId": 2,
      "name": "Szerelés",
      "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/ef1_
↳ 431cf-2236-4214-b261-46b83a4fcc9a.png"
    },
    "categoryId": 2,
    "serviceName": "Autó szerelés",
    "price": 30000,
    "description": "Praesent a eros sit amet eros hendrerit semper in
↳ quis purus. Aenean sagittis felis vitae iaculis fermentum. Etiam
↳ tempus imperdiet mollis. Vivamus pretium mi non nibh iaculis
↳ venenatis. Donec pellentesque, felis a pharetra ultricies, ante
↳ enim consectetur lectus, nec vestibulum nisi augue sit amet
↳ dolor. Aenean vitae tempor mauris. Cras volutpat hendrerit neque
↳ id ultrices. ",
    "address": "Gyor Szent Istvan ut 95",
    "duration": 120,
    "openingHours": 0,
    "imageUrls": []
  },
  "serviceId": 4,
  "appointmentDate": "2025-05-24T14:37:18.462",
  "status": 0
}
]

```

6.5.4 Get my Appointments

- url: /api/Appointment/myappointments
- GET request
- Response:
 - StatusCode: 200

```

[
  {
    "id": 25,
    "userId": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",
    "booker": {
      "userName": "jeno",
      "email": "jeno@example.com",
      "location": "Gyor",
      "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net_
↳ /img/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg"
    },
    "service": {
      "serviceId": 4,

```

```

    "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
    "provider": {
      "userName": "gabor",
      "email": "gabor@example.com",
      "location": "Gypr",
      "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/et/img/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg"
    },
    "category": {
      "categoryId": 2,
      "name": "Szerelés",
      "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/ef1431cf-2236-4214-b261-46b83a4fcc9a.png"
    },
    "categoryId": 2,
    "serviceName": "Autó szerelés",
    "price": 30000,
    "description": "Praesent a eros sit amet eros hendrerit semper in quis purus. Aenean sagittis felis vitae iaculis fermentum. Etiam tempus imperdiet mollis. Vivamus pretium mi non nibh iaculis venenatis. Donec pellentesque, felis a pharetra ultricies, ante enim consectetur lectus, nec vestibulum nisi augue sit amet dolor. Aenean vitae tempor mauris. Cras volutpat hendrerit neque id ultrices. ",
    "address": "Gyor Szent Istvan ut 95",
    "duration": 120,
    "openingHours": 0,
    "imageUrls": []
  },
  "serviceId": 4,
  "appointmentDate": "2025-04-23T09:03:33.438589",
  "status": 1
}
]

```

6.5.5 Post new Appointment

- Role: Provider
- url: /api/Appointments
- POST request:

```

{
  "serviceId": 4,
  "appointmentDate": "2025-05-24T14:37:18.462Z"
}

```

- Response:

– StatusCode: 201

```
{
  "id": 42,
  "userId": null,
  "booker": null,
  "service": {
    "serviceId": 4,
    "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
    "provider": null,
    "category": null,
    "categoryId": 2,
    "serviceName": "Autó szerelés",
    "price": 30000,
    "description": "Praesent a eros sit amet eros hendrerit semper in quis
    ↪ purus. Aenean sagittis felis vitae iaculis fermentum. Etiam tempus
    ↪ imperdiet mollis. Vivamus pretium mi non nibh iaculis venenatis.
    ↪ Donec pellentesque, felis a pharetra ultricies, ante enim
    ↪ consectetur lectus, nec vestibulum nisi augue sit amet dolor.
    ↪ Aenean vitae tempor mauris. Cras volutpat hendrerit neque id
    ↪ ultrices. ",
    "address": "Gyor Szent Istvan ut 95",
    "duration": 120,
    "opensAt": "08:00:00",
    "closesAt": "17:00:00",
    "imageUrls": null
  },
  "serviceId": 4,
  "appointmentDate": "2025-05-24T14:37:18.462Z",
  "status": 0
}
```

6.5.6 Update Appointment

- Role: Provider of appointment
- url: /api/Appointments/{id}
- PUT request (/api/Appointments/42)

```
{
  "id": 42,
  "serviceId": 4,
  "appointmentDate": "2025-06-24T14:37:18.462Z"
}
```

- Response:

– StatusCode: 200

```

{
  "message": "Appointment updated successfully!",
  "appointment": {
    "id": 42,
    "userId": null,
    "booker": null,
    "service": {
      "serviceId": 4,
      "userId": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
      "provider": {
        "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.n
        ↪ et/img/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg",
        "location": "Gypr",
        "isPushNotificationsEnabled": false,
        "userSelectedLanguage": "magyar",
        "createdAt": "2025-04-22T13:15:59.351845",
        "id": "677e7b94-d191-4db7-8af8-ab22b32ff2ed",
        "userName": "gabor",
        "normalizedUserName": "GABOR",
        "email": "gabor@example.com",
        "normalizedEmail": "GABOR@EXAMPLE.COM",
        "emailConfirmed": false,
        "passwordHash": "AQAAAAIAAYagAAAAECT4gCUf0yBvP/brZ1qwPt9ujlutjFz0
        ↪ c4FvGqWGoL8/yMYy7z+eP/0E/Qqe1jIcJQ==",
        "securityStamp": "Y6N2RZ7SREWVGWQRLDRI7YMB62WSXVI",
        "concurrencyStamp": "a0b6e919-46d0-4b4a-9e48-9cce2c52290d",
        "phoneNumber": null,
        "phoneNumberConfirmed": false,
        "twoFactorEnabled": false,
        "lockoutEnd": null,
        "lockoutEnabled": true,
        "accessFailedCount": 0
      },
    },
    "category": null,
    "categoryId": 2,
    "serviceName": "Autó szerelés",
    "price": 30000,
    "description": "Praesent a eros sit amet eros hendrerit semper in
    ↪ quis purus. Aenean sagittis felis vitae iaculis fermentum. Etiam
    ↪ tempus imperdiet mollis. Vivamus pretium mi non nibh iaculis
    ↪ venenatis. Donec pellentesque, felis a pharetra ultricies, ante
    ↪ enim consectetur lectus, nec vestibulum nisi augue sit amet
    ↪ dolor. Aenean vitae tempor mauris. Cras volutpat hendrerit neque
    ↪ id ultrices. ",
    "address": "Gyor Szent Istvan ut 95",
    "duration": 120,
    "opensAt": "08:00:00",
    "closesAt": "17:00:00",
    "imageUrls": null
  },
}

```

```
"serviceId": 4,  
"appointmentDate": "2025-06-24T14:37:18.462Z",  
"status": 0  
}  
}
```

6.5.7 Delete Appointment

- Role: Provider of appointment
- url: /api/Appointment/{id}
- DELETE request (/api/Appointment/42)
- Response:
 - StatusCode: 200

```
{  
  "message": "Appointment deleted successfully!"  
}
```

6.5.8 Book Appointment

- Role: User
- url: /api/Appointment/book/{id}
- GET request (/api/Appointment/book/43)
- Response:
 - StatusCode: 200

```
{  
  "message": "Appointment booked successfully!",  
  "appointment": {  
    "id": 43,  
    "userId": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",  
    "booker": null,  
    "service": null,  
    "serviceId": 4,  
    "appointmentDate": "2025-05-24T14:37:18.462",  
    "status": 1  
  }  
}
```

6.5.9 Cancel Appointment

- Role: User, Provider
- url: /api/Appointment/cancel/{id}
- PUT request (/api/Appointment/cancel/43)
- Response:
 - StatusCode: 200

```
{
  "message": "Appointment cancelled successfully!",
  "appointment": {
    "id": 43,
    "userId": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",
    "booker": null,
    "service": null,
    "serviceId": 4,
    "appointmentDate": "2025-05-24T14:37:18.462",
    "status": 3
  }
}
```

6.6 Review

6.6.1 Get Reviews

- url: /api/Review
- GET request
- Response:
 - StatusCode: 200

```
[
  {
    "reviewId": 1,
    "userId": "e71892bc-d7bc-4bc3-9894-6ab02d5bcfee",
    "reviewer": {
      "userName": "Nagy_Janos",
      "email": "nagyjanos@example.com",
      "location": "Győr Baross út 34",
      "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net_↵ /img/97ffcfbe-b0df-437e-9437-dab0c109b036.jpg"
    },
    "service": {
      "serviceId": 1,
      "userId": "5b02dd18-efa6-49e4-bb14-72956dfd92fb",

```

```

    "provider": {
      "userName": "NagyFerenc",
      "email": "nagyferenc@example.com",
      "location": "Győr Budai Út 23",
      "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/img/ab68b3c7-6e09-4a8b-a9c0-f587cc95d214.jpg"
    },
    "category": {
      "categoryId": 1,
      "name": "Hajvágás",
      "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/7adb194-b06e-492f-8be0-47a1f03de298.png"
    },
    "categoryId": 1,
    "serviceName": "Férfi hajvágás",
    "price": 5000,
    "description": "Donec pretium posuere tellus. Nullam rutrum.
    ↪ Praesent augue. Aliquam erat volutpat. Nunc eleifend leo vitae
    ↪ magna. In id erat non orci commodo lobortis. Proin neque
    ↪ massa, cursus ut, gravida ut, lobortis eget, lacus. Sed diam.
    ↪ Praesent fermentum tempor tellus. Nullam tempus. Mauris ac
    ↪ felis vel velit tristique imperdiet. Donec at pede. Etiam vel
    ↪ neque nec dui dignissim bibendum. Vivamus id enim. Phasellus
    ↪ neque orci, porta a, aliquet quis, semper a, massa. Phasellus
    ↪ purus. Pellentesque tristique imperdiet tortor. Nam euismod
    ↪ tellus id erat.",
    "address": "Győr Budai Út 83",
    "duration": 20,
    "openingHours": 0,
    "imageUrls": [
      "https://tiszolczijacint.blob.core.windows.net/img/cda0f295-d78b-40f0-a5cc-d2b224b5cc46.jpg",
      "https://tiszolczijacint.blob.core.windows.net/img/3edda464-8ae6-481d-ba57-7b271cce2ec4.jpg"
    ]
  },
  "serviceId": 1,
  "score": 5,
  "description": "jo",
  "createdAt": "2025-04-13T15:30:23.285305"
}
]

```

6.6.2 Get Review by ID

- url: /api/Review/{id}
- GET request (/api/Review/1)
- Response:

– StatusCode: 200

```
{
  "reviewId": 1,
  "userId": "e71892bc-d7bc-4bc3-9894-6ab02d5bcfee",
  "reviewer": {
    "userName": "Nagy_Janos",
    "email": "nagyjanos@example.com",
    "location": "Győr Baross út 34",
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/img/97ffcfbe-b0df-437e-9437-dab0c109b036.jpg"
  },
  "service": {
    "serviceId": 1,
    "userId": "5b02dd18-efa6-49e4-bb14-72956dfd92fb",
    "provider": {
      "userName": "NagyFerenc",
      "email": "nagyferenc@example.com",
      "location": "Győr Budai Út 23",
      "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/img/ab68b3c7-6e09-4a8b-a9c0-f587cc95d214.jpg"
    },
    "category": {
      "categoryId": 1,
      "name": "Hajvágás",
      "iconUrl": "https://tiszolczijacint.blob.core.windows.net/img/7adbb194-b06e-492f-8be0-47a1f03de298.png"
    },
    "categoryId": 1,
    "serviceName": "Férfi hajvágás",
    "price": 5000,
    "description": "Donec pretium posuere tellus. Nullam rutrum.
    ↪ Praesent augue. Aliquam erat volutpat. Nunc eleifend leo vitae
    ↪ magna. In id erat non orci commodo lobortis. Proin neque massa,
    ↪ cursus ut, gravida ut, lobortis eget, lacus. Sed diam. Praesent
    ↪ fermentum tempor tellus. Nullam tempus. Mauris ac felis vel
    ↪ velit tristique imperdiet. Donec at pede. Etiam vel neque nec
    ↪ dui dignissim bibendum. Vivamus id enim. Phasellus neque orci,
    ↪ porta a, aliquet quis, semper a, massa. Phasellus purus.
    ↪ Pellentesque tristique imperdiet tortor. Nam euismod tellus id
    ↪ erat.",
    "address": "Győr Budai Út 83",
    "duration": 20,
    "openingHours": 0,
    "imageUrls": [
      "https://tiszolczijacint.blob.core.windows.net/img/cda0f295-d78b-40f0-a5cc-d2b224b5cc46.jpg",
      "https://tiszolczijacint.blob.core.windows.net/img/3edda464-8ae6-481d-ba57-7b271cce2ec4.jpg"
    ]
  }
}
```

```

"serviceId": 1,
"score": 5,
"description": "jo",
"createdAt": "2025-04-13T15:30:23.285305"
}

```

6.6.3 Post new Review

- Role: User
- url: /api/Review
- POST request:

```

{
  "userId": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",
  "serviceId": 1,
  "score": 3,
  "description": "string"
}

```

- Response:
 - StatusCode: 201

```

{
  "reviewId": 3,
  "userId": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",
  "reviewer": {
    "profilePictureUrl": "https://tiszolczijacint.blob.core.windows.net/i_
    ↪ mg/63cf316b-35a1-432e-92fe-0f2d0b2029c3.jpg",
    "location": "Gyor",
    "isPushNotificationsEnabled": false,
    "userSelectedLanguage": "magyar",
    "createdAt": "2025-04-23T08:59:33.553494",
    "id": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",
    "userName": "jeno",
    "normalizedUserName": "JENO",
    "email": "jeno@example.com",
    "normalizedEmail": "JENO@EXAMPLE.COM",
    "emailConfirmed": false,
    "passwordHash": "AQAAAAIAAYagAAAAEH/7QrUUP+Kd1TjkPpVqb1e/TCQddSPEuRQ6_
    ↪ E/HkJgM5YirYTZ5aWl5VpLLPzyJ/ZQ==",
    "securityStamp": "6BBNA43S0T4D4SAYCQ4KRQSS0JAWKZPA",
    "concurrencyStamp": "16b0804f-8ca5-4f00-bf6e-5beea33eabc0",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
  }
}

```

```

    "lockoutEnabled": true,
    "accessFailedCount": 0
  },
  "service": null,
  "serviceId": 1,
  "score": 3,
  "description": "string",
  "createdAt": "2025-04-24T15:28:29.2319382Z"
}

```

6.6.4 Update Review

- Role: User of Review
- url: /api/Review/{id}
- PUT request (/api/Review/3)

```

{
  "ReviewId": 3,
  "userId": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",
  "serviceId": 1,
  "score": 4,
  "description": "string2"
}

```

- Response:
 - StatusCode: 200

```

{
  "reviewId": 3,
  "userId": "0e23ad89-24a8-4ed6-ad2b-529fa0063412",
  "reviewer": null,
  "service": null,
  "serviceId": 1,
  "score": 4,
  "description": "string2",
  "createdAt": "2025-04-24T15:28:29.231938"
}

```

6.6.5 Delete Review

- Role: User of Review
- url: /api/Review/{id}
- DELETE request (/api/Review/3)

- Response:
 - StatusCode: 200