TECHNICAL DOCUMENTATION

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Faculty of Science

DEPARTMENT STOCK APPLICATION

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SUPERVISED BY

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AUTHENTICATION & USERMANGMENT SYSTEM

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CONTROLLERS
function & attributes

get access token

LOG IN
- log in by user name password

DEFULT MAIL
- Admin
Admin@mail.com
7nkoq7@f*Dg

ROLES
- Role Names
Classification → Admin, Prof., Worker

REGESTRATION
- only allow to admin

User Name can't be duplicated

USER INFO
- Id
User Name
Email
Password
Phone Number
Name
Degree

PASSWORD CONSTRAINS
Length is 6
Require Non Letter Or Digit
Require Digit
Require Lowercase
Require Uppercase

ACCESS TOKEN
Validation for 14 days

CHANGE PASSWORD
Enabled by Old Password

USER INFO
Get No All Users
Get No of Users
Get No of Mangers
Get No of Admins
Get Full info Account of Users By RoleName
Get All Users
Get User By Id

allowed for admin only

USER MANGMENT
- Edit User
- Delete User

FOR FULL TECHNICAL DOCUMENTATION
VISIT ECXEL SHEET FROM
1 TO 13

CLOUD
Domain

BACK-END LAYER
documentation

MAIN VIEW & NAVIGATION SYSTEM

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CONTROLLERS
function & attributes

Main view represent as
SponsorshipID,UserName,Name,DeviceName,DeviceID,Date,Note,
LocationName, CategoryName

Main view
Application

SPONSORSHIPS 34-38
- get all info about user and its Sponsorships info

SEARCH MAIN
- Searching By Name 39
- Searching By User Name 40
- Searching By Location Name 41
- Searching By Category Name 42
- Searching By Device ID 43

getting Main view

USER 5-13
- Show all users info only for admin role

USER SEARCH 44
- searching by Name..

getting User view

LOCATION 14-18
Location for any device

DEVICE 29-33
Show all Device info

DEVICE CATEGORIES 19-23
its all Categories that any device belong to them

DEVICE SPECIFICATION 24-28
- its for all device additional info

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CLOUD
Domain

BACK-END LAYER
documentation

BACKUP & LOGGING SYSTEM & NAMEFIGATION SYSTEM

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Namefigation

DATABASE TABELS & ATTRIBUTES	PASCAL CASE
BACK-END LAYER CLASSES	PASCAL CASE
BACK-END LAYER VARIABELS	CAMAL CASE

DATABASE BACKUP

- get Backup any time for admin

hosting services must be enable this feature

LOGGING FILE

- logging system provide all information of all client side requests and server side responses

get Logging file any time for admin

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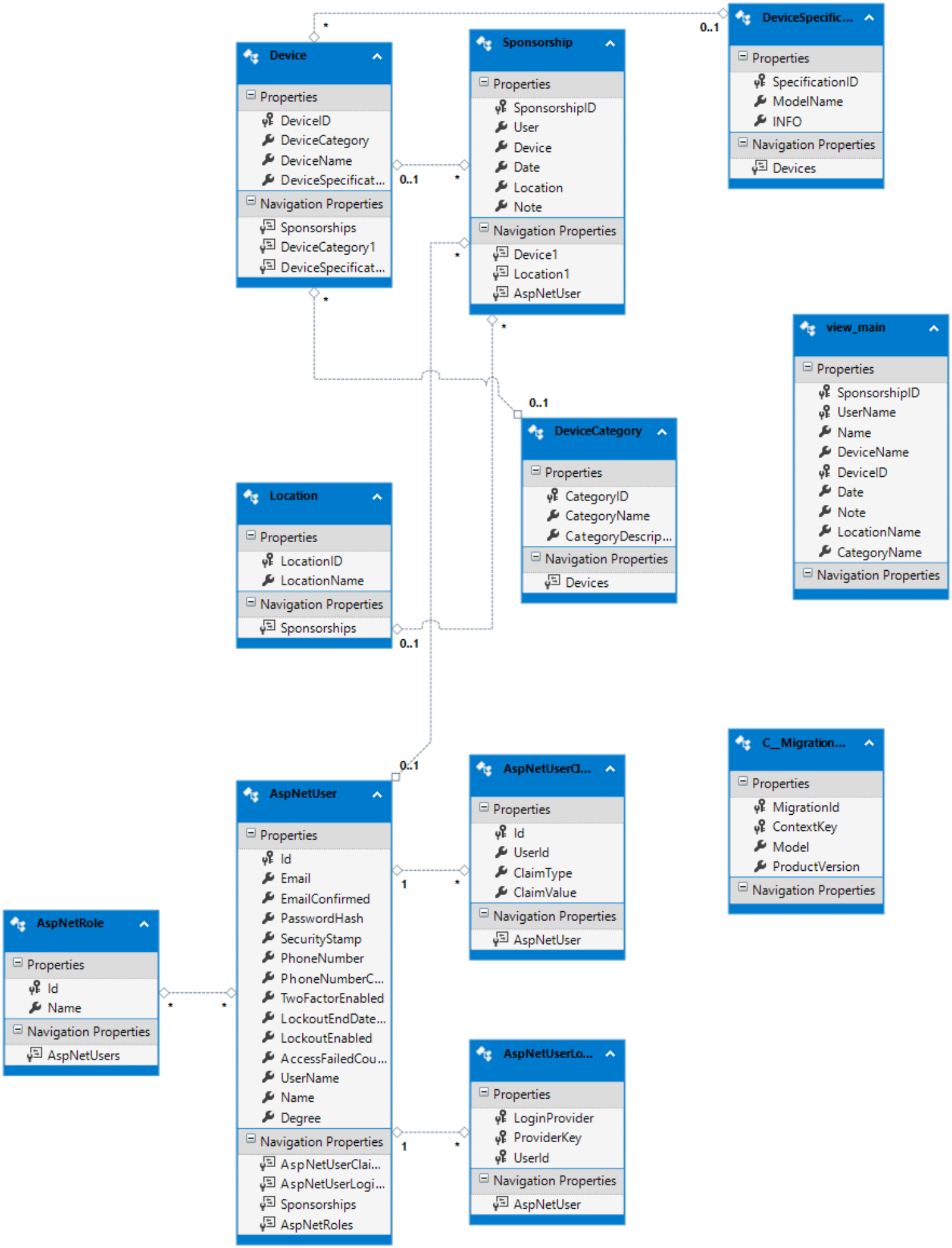
CLOUD
Domain

BACK-END LAYER
documentation


Device
Properties
DeviceID
DeviceCategory
DeviceName
DeviceSpecificat...
Navigation Properties
Sponsorships
DeviceCategory1
DeviceSpecificat...
Sponsorship
Properties
SponsorshipID
User
Device
Date
Location
Note
Navigation Properties
Device1
Location1
AspNetUser
DeviceSpecific...
Properties
SpecificationID
ModelName
INFO
Navigation Properties
Devices
view_main
Properties
SponsorshipID
UserName
Name
DeviceName
DeviceID
Date
Note
LocationName
CategoryName
Navigation Properties
DeviceCategory
Properties
CategoryID
CategoryName
CategoryDescrip...
Navigation Properties
Devices
Location
Properties
LocationID
LocationName
Navigation Properties
Sponsorships
AspNetUser
Properties
Id
Email
EmailConfirmed
PasswordHash
SecurityStamp
PhoneNumber
PhoneNumberC...
TwoFactorEnabled
LockoutEndDate...
LockoutEnabled
AccessFailedCou...
UserName
Name
Degree
Navigation Properties
AspNetUserClai...
AspNetUserLogi...
Sponsorships
AspNetRoles
AspNetUserCl...
Properties
Id
UserId
ClaimType
ClaimValue
Navigation Properties
AspNetUser
AspNetUserLo...
Properties
LoginProvider
ProviderKey
UserId
Navigation Properties
AspNetUser
AspNetRole
Properties
Id
Name
Navigation Properties
AspNetUsers
C__Migration...
Properties
MigrationId
ContextKey
Model
ProductVersion
Navigation Properties
0..1
*
1