**GTA Landscaping: User View 1  - Alexei**

**UNF:**

**Invoice** [ InvoiceNo, InvoiceDate, WorkTeam, Customer, Address, ( EquipUsed, ServiceCode, Description, HourlyCharge, WorkDuration ), TaxRate\_GST, TaxRate\_PST]

**1NF:**

**EquipUsed\_Invoice\_ServiceProvided** [ InvoiceNo (FK),  EquipID (FK), ServiceCode (FK), EquipDescription, Description, HourlyCharge, WorkDuration ]

**Invoice** [ InvoiceNo, InvoiceDate, WorkTeam, EquipID, CustomerID, CustomerName, AddressNo, AddressStreet, AddressCity, AddressPostalCode, TaxID, TaxRate, TaxName ]

**2NF:**

**EquipUsed\_Invoice\_ServiceProvided** [InvoiceNo (FK),  EquipID (FK), ServiceCode (FK) ]

**EquipUsed** [ EquipID, EquipDescription]

**ServiceProvided** [ServiceCode (FK), InvoiceNo, WorkDuration ]

**Service** [ServiceCode, Description, HourlyCharge ]

**InvoiceDate** [InvoiceNo, InvoiceDate]

**Invoice** [InvoiceNo (FK), WorkTeam, EquipID, CustomerID, CustomerName, AddressNo, AddressStreet, AddressCity, AddressPostalCode, ServiceCode, TaxID, TaxRate, TaxName ]

**3NF:**

**EquipUsed\_Invoice\_ServiceProvided** [InvoiceNo (FK),  EquipID (FK), ServiceCode (FK) ]

**EquipUsed** [ EquipID, EquipDescription ]

**InvoiceDate** [ InvoiceNo, InvoiceDate ]

**Invoice** [ InvoiceNo (FK), WorkTeam, EquipID, CustomerID (FK), ServiceCode, TaxID (FK) ]

**ServiceProvided** [ ServiceCode (FK), InvoiceNo (FK), WorkDuration ]

**Service** [ ServiceCode, Description, HourlyCharge ]

**Customer** [ CustomerID, CustomerName, AddressNo, AddressStreet, AddressPostalCode (FK) ]

**PostalCode** [ AddressPostalCode, AddressCity ]

**Taxes** [ TaxID, TaxRate, TaxName ]

**GTA Landscaping: User View 2   - Alexei**

**UNF:**

**TeamReport** [ Team, TeamDescription, (EmpPosition, EmpName, EmpID, EmpOHIP, EmpHomePhone, EmpStartDate, EmpSkills ) ]

**1NF**:

**TeamReport\_Employees** [ Team (FK), EmpID, EmpPosition, EmpName, EmpOHIP, EmpHomePhone, EmpStartDate, EmpSkillsID, EmpSkillsDescription ]

**TeamReport [** Team, TeamDescription **]**

**2NF:**

**TeamReport\_Employees [** Team (FK), EmpID (FK) **]**

**TeamReport [** Team, TeamDescription **]**

**Employees [** EmpID, EmpPosition, EmpName, EmpOHIP, EmpHomePhone, EmpStartDate, EmpSkillsID, EmpSkillsDescription**]**

**3NF:**

**TeamReport\_Employees [** Team (FK), EmpID (FK) **]**

**TeamReport [** Team, TeamDescription **]**

**Employees [** EmpID, EmpPosition, EmpName, EmpOHIP, EmpHomePhone, EmpStartDate, EmpSkillsID (FK) **]**

**EmployeeSkills [** EmpSkillsID, EmpSkillsDescription **]**

**GTA Landscaping: User View 3 - Alexei**

**UNF:**

**ProdSalesReport** [InvoiceID, ProductID, ProdClass, ProdDescription, ProdCharge, ProdQTY, InvoiceDate, SalesAssistant, CustNo ]

**1NF**:

**ProdSalesReport** [ InvoiceID (FK), ProductID, ProdClass, ProdDescription, ProdCharge, ProdQTY, SalesAssistantID, SalesAssistantName, CustNo ]

**Invoice** [ InvoiceID, InvoiceDate ]  - the same table as the UserView\_1 has (No duplicates in ERD needed)

**2NF:**

**ProdSalesReport** [ InvoiceID (FK), ProductID (FK), ProdQTY, SalesAssistantID, SalesAssistantName, CustNo ]

**Invoice** [ InvoiceID, InvoiceDate ]

**Product** [ ProductID, ProdClass, ProdDescription, ProdCharge ]

**3NF:**

**ProdSalesReport** [ InvoiceID (FK), ProductID (FK), ProdQTY, SalesAssistantID (FK), CustNo ]

**Invoice** [ InvoiceID, InvoiceDate ]

**Product** [ ProductID, ProdClass, ProductDescription, ProductCharge ]

**SalesAssistant** [ SalesAssistantID, SalesAssistantName ]

**GTA Landscaping: User View 4 - Dmitrii**

**UNF:**

Product\_report [ product\_id, product\_class, classification, description, cost, markup ]

**1NF**:

Product\_report [ product\_class (FK), product\_id, description, cost, markupID, markupRate ]

ProductClass [ product\_class, classification ]

**2NF:**

Product\_report [product\_class (FK), product\_id (FK) ]

ProductClass [ product\_class, classification ]

Product [ product\_id, description, cost,  markupID, markupRate ]

**3NF:**

Product\_report [ product\_class (FK), product\_id (FK) ]

ProductClass [ product\_class, classification ]

Product [ product\_id, description, cost,  markupID (FK) ]

MarkupRate [ markupID, markupRate ]

**GTA Landscaping: User View 5 - Nikita**

**UNF:**

**InvRep**[ product\_id, prodDesc, InventoryQTY, aisleNo, supplier ]

**1NF**:

**InvRep** [ FK\_ product\_id, FK aisleNo, InventoryQTY ]

**Product** [ PK\_product\_id, prodDesc, supplier\_name ]

**2NF:**

**InvRep** [ FK\_ product\_id, FK\_aisleNo ]

**Product** [ PK\_product\_id, prodDesc, supplier\_name ]

**QntyPerAisle** [ PK\_ailseNo, InventoryQTY ]

**3NF:**

**InvRep** [ ProductID (FK), aisleNo (FK) ]

**Product** [ ProductID (PK), prodDesc(char) ]

**QntyPerAisle** [ aisleNo (FK), SupplierID (FK), InventoryQTY(int) ]

**Supplier**[ SupplierID (PK), supplier\_name(char) ];