JKKW Media



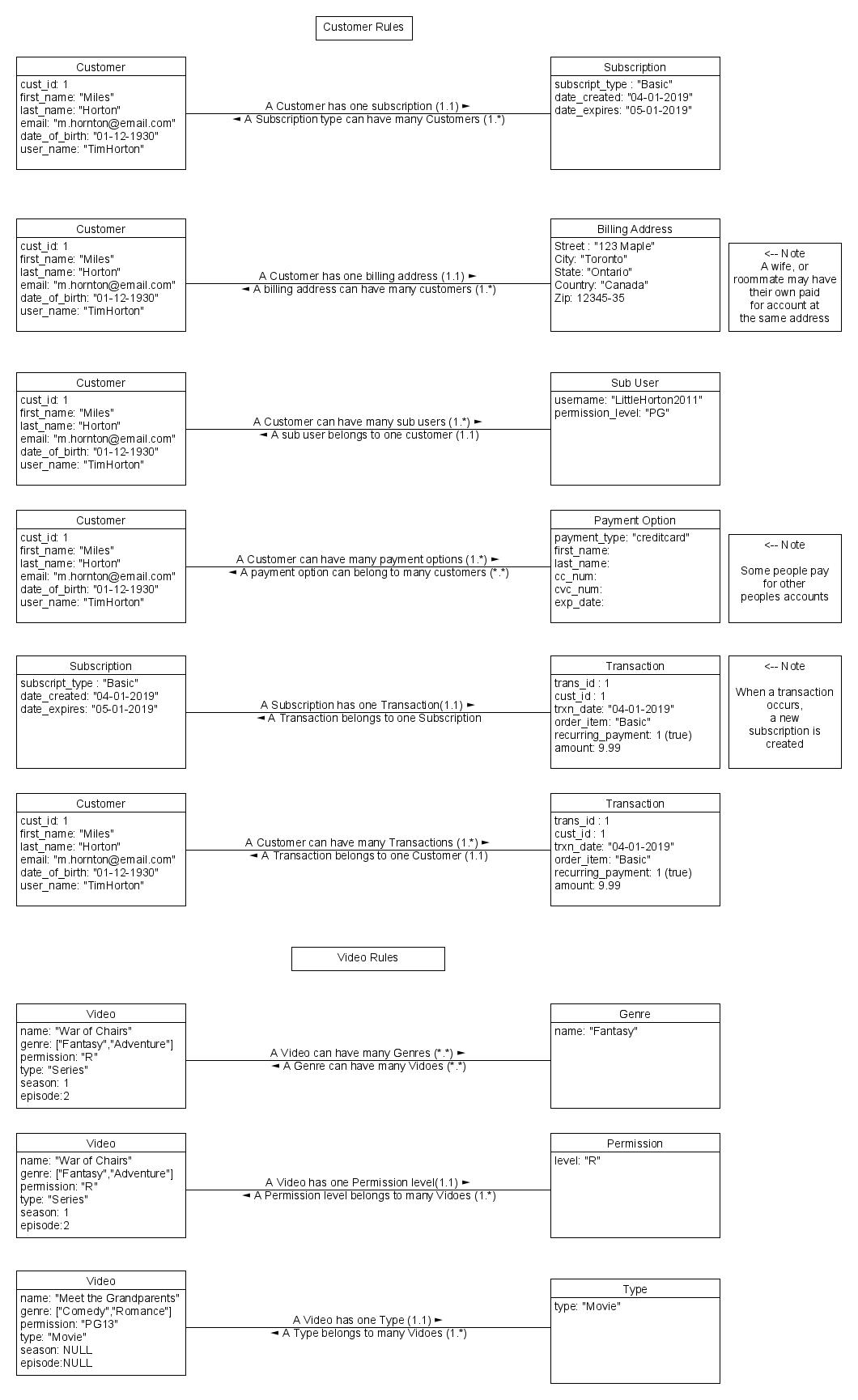
Team captain: Joshua Hughes

Other team members: Kurt Leadley, Karie Funk, Wendy Portillo

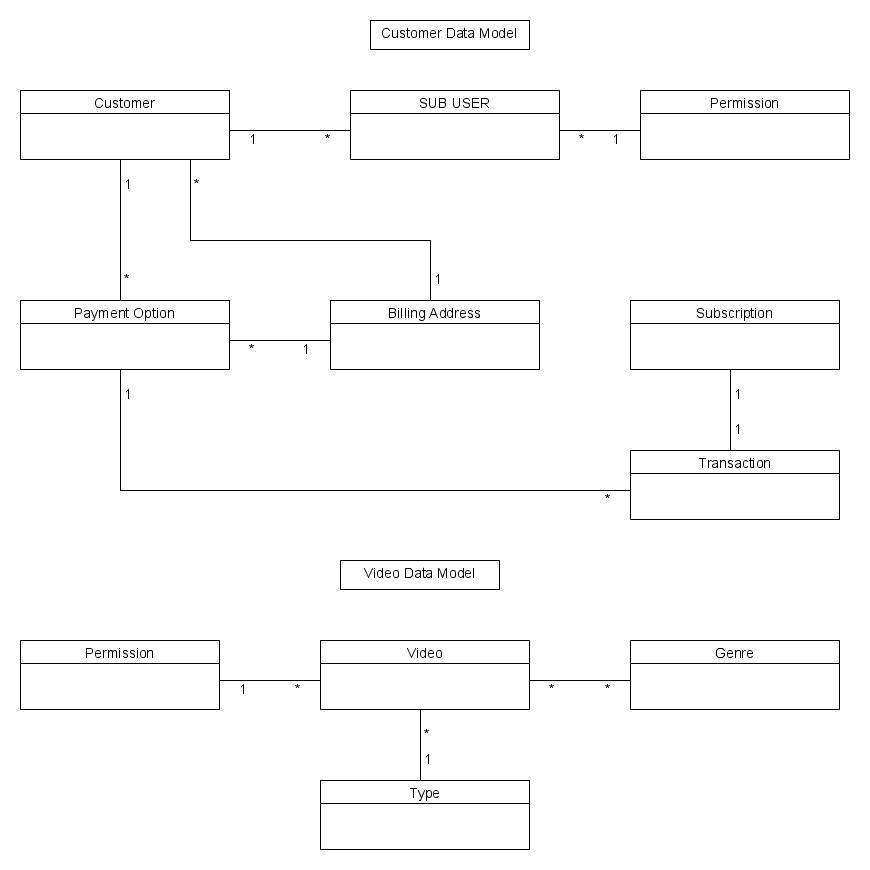
Milestone 3: Assignment 8.4

**Business Rules and ORD**

* A Customer has one Billing Address
* A Billing Address can have many Customers (see note in ORD)
* A Customer can have many Sub Users
* A Sub User belongs to one Customer
* A Customer can have many Payment Options
* A Payment Option can belong to many Customers (see note in ORD)
* A Subscription has one Transaction
* A Transaction belongs to one Subscription
* A Customer can have many Transactions
* A Transaction belongs to one Customer
* A Video can have many Genres
* A Genre can have many Videos
* A Video has one Permission level
* A Permission level belongs to many Videos
* A Video has one Type
* A Type belongs to many Videos



**Document Model**

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**JSON Structure**

// Video JSON model

{

    "video\_name" : "War of Chairs",

    "video\_type" : "Series",

    "video\_season" : 1,

    "video\_episode" : 1,

    "video\_permission" : "R",

    "genre" : ["Fantasy","Adventure"]

}

// Customer JSON model

{

    "cust\_first\_name" : "Miles",

    "cust\_last\_name" : "Horton",

    "cust\_email" : "m.horton@email.com",

    "cust\_user\_name" : "TimHorton",

    "cust\_date\_of\_birth" : "01-12-1930",

    "cust\_subscription" : {

        "subscription\_type" : "Basic",

        "date\_created" : "04-01-2019",

        "date\_expires" : "05-01-2019"

    },

    "cust\_billing\_address" : {

        "street" : "123 Maple",

        "City" : "Toronto",

        "State" : "Ontario",

        "Country" : "Canada",

        "Zip" : "12345-35"

    },

    "cust\_sub\_user" : [

        {

            "sub\_user\_name" : "LittleHorton2011",

            "sub\_user\_permission\_level" : "PG"

        },

        {

            "sub\_user\_name" : "WifeHorton",

            "sub\_user\_permission\_level" : "ALL"

        }

    ],

    "cust\_payment\_option" : [

        {

            "cust\_payment\_option\_id" : 1,

            "cust\_payment\_type" : "creditcard",

            "cust\_payment\_first\_name" : "Miles",

            "cust\_payment\_last\_name" : "Horton",

            "cust\_payment\_cc\_num" : 12356-43434-343-34,

            "cust\_payment\_cvc\_num" : 123,

            "cust\_payment\_exp\_date" : "01-01-2021"

        },

        {

            "cust\_payment\_option\_id" : 2,

            "cust\_payment\_type" : "paypal",

            "cust\_payment\_first\_name" : "Miles",

            "cust\_payment\_last\_name" : "Horton",

            "cust\_payment\_paypal\_password" : "password",

            "cust\_payment\_paypal\_token" : "gdg#%34ggg$%y7593GdvS0@$v"

        }

    ],

    "cust\_transaction" : [

        {

           "trxn\_id" : 1,

           "trxn\_date" : "04-01-2019",

           "order\_item" : "Basic",

           "recurring\_payment" : 1,

           "amount" : 9.99,

           "payment\_option" : 1

        },

        {

            "trxn\_id" : 2,

            "trxn\_date" : "05-01-2019",

            "order\_item" : "Basic",

            "recurring\_payment" : 1,

            "amount" : 9.99,

            "payment\_option" : 2

         },

         {

            "trxn\_id" : 3,

            "trxn\_date" : "05-01-2019",

            "order\_item" : "Gold",

            "recurring\_payment" : 1,

            "amount" : 19.99,

            "payment\_option" : 2

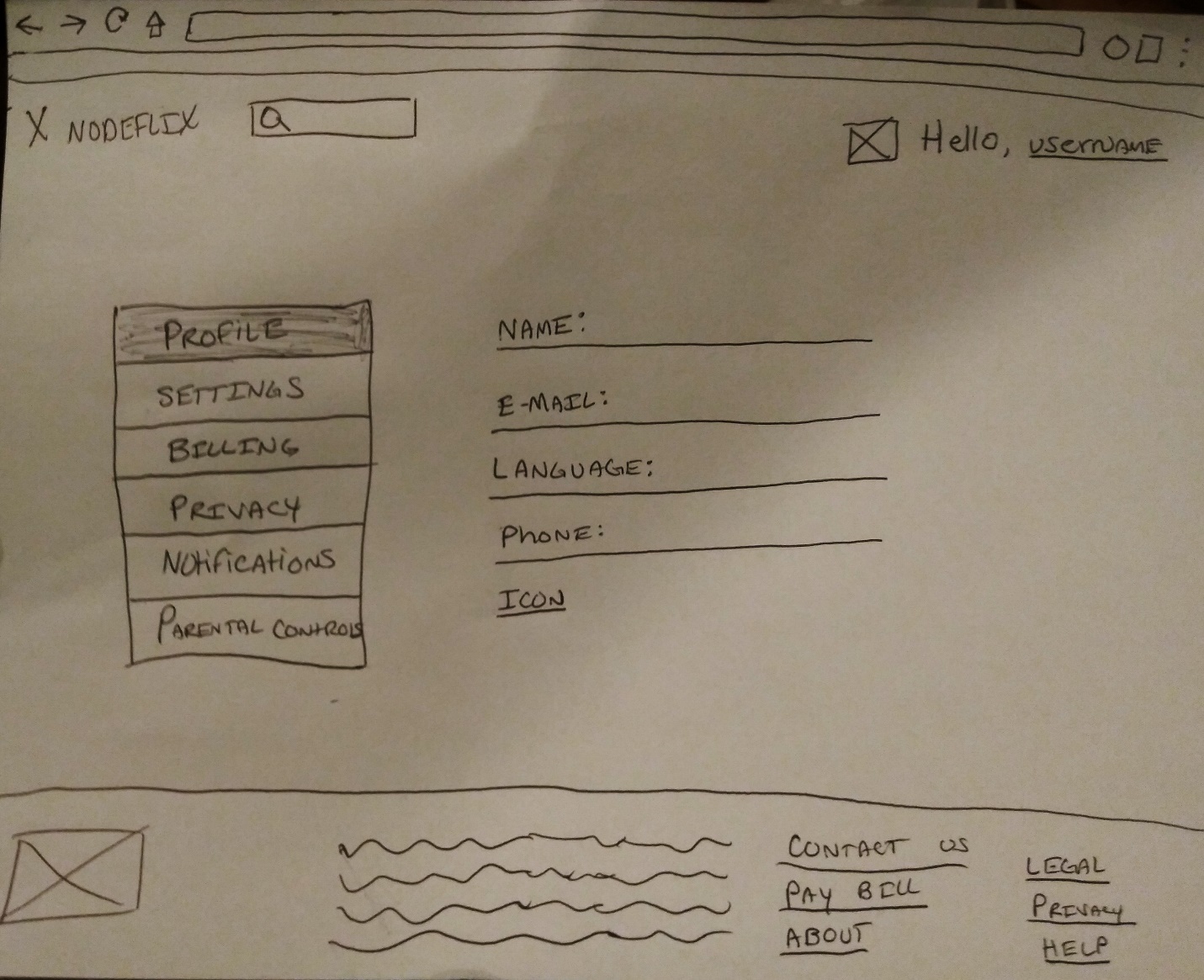
         }

    ]

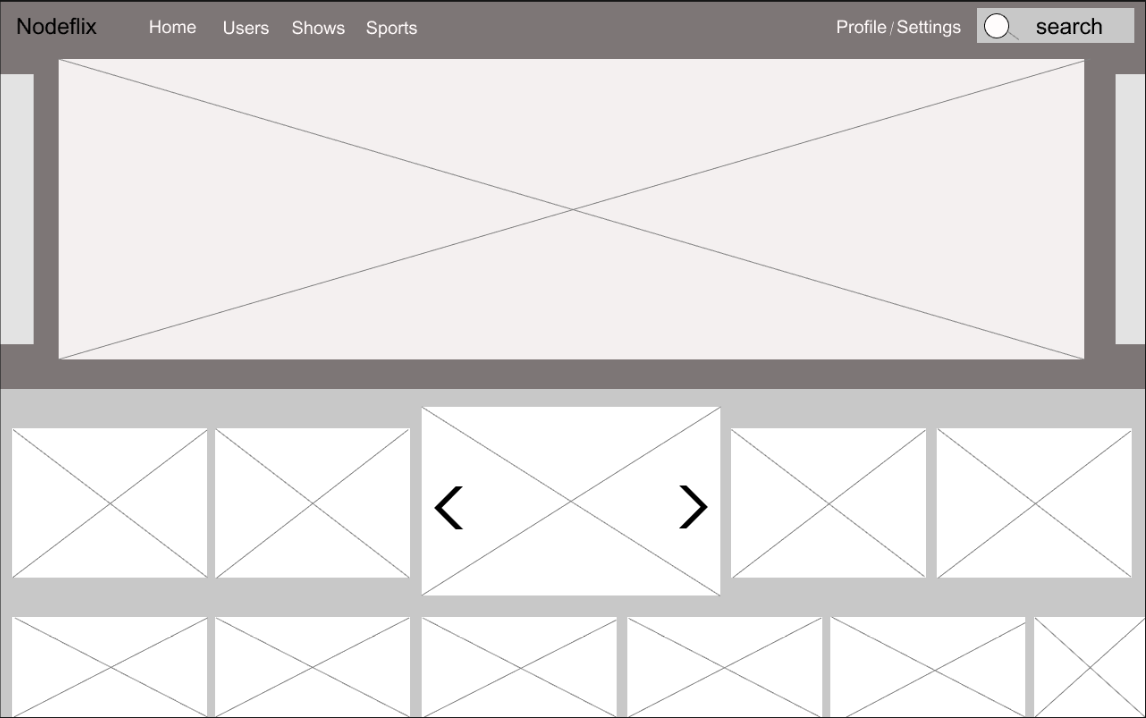
}

**Wireframes**

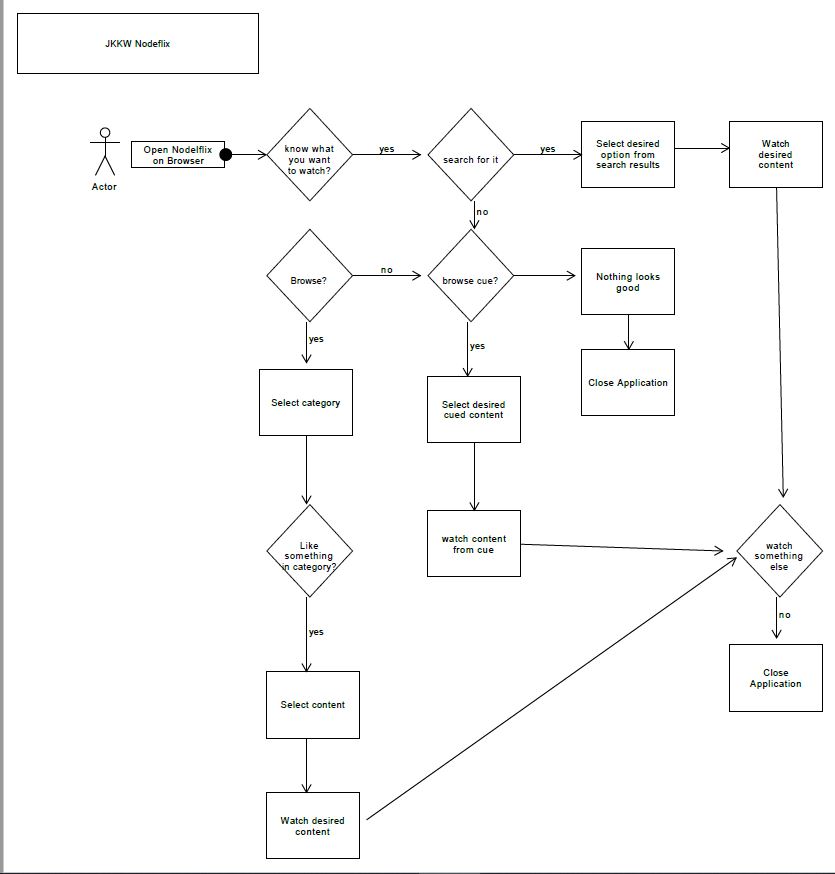
**Dashboard:**

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**General UI:**

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**User Flow Chart**

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