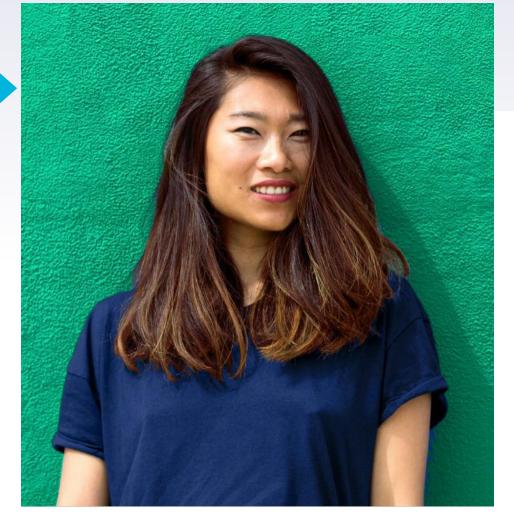




#### Kuehne Nagel Information Technology School

# YOUnicorn Road map





Our principle

**Inspire** through people

Our promise

**Empower** bold promises

Our purpose

**Deliver progress to society** 

### Methodology

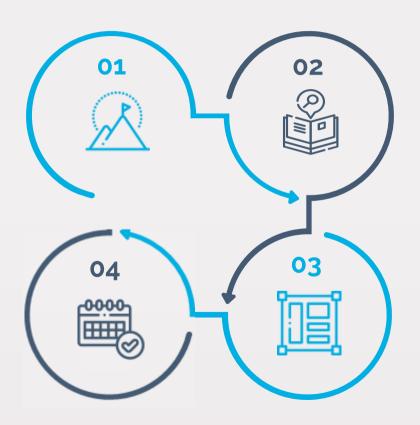


### 01 Goals

Learning goals for this session. Every goal should be demonstrable with milestone artifact

### 04 Plan

Review of milestone and plan for new milestone delivery



#### **02** Resources

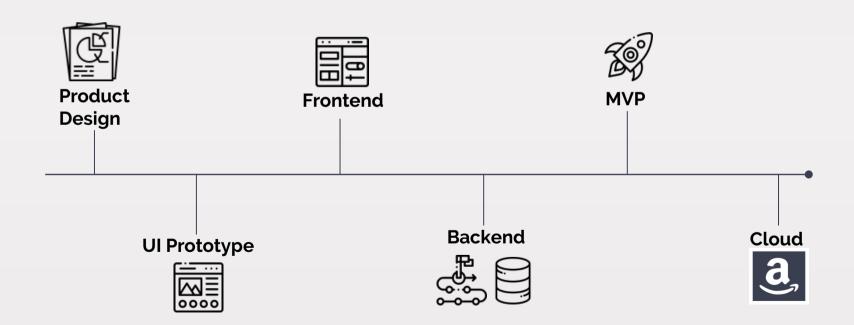
Links to learning resources (blogs, video, tutorials)

### 03 Demo

Demo the achieved milestone in private session with mentor

Younicorn time line

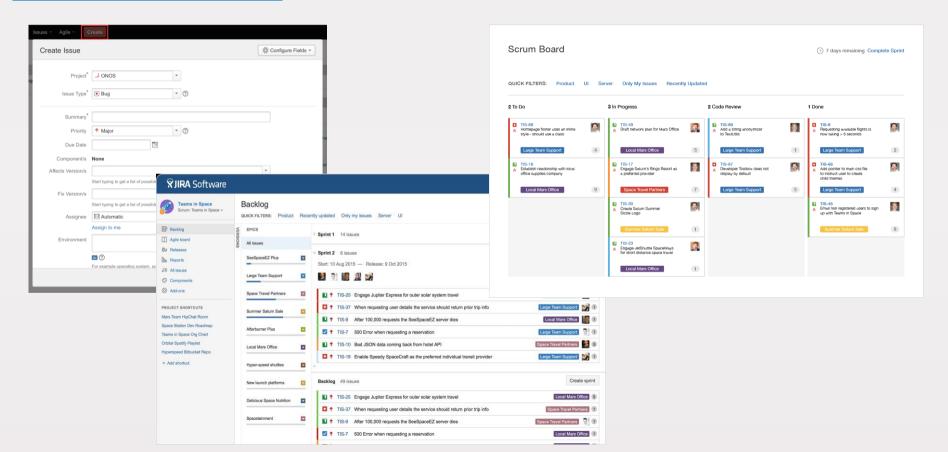




#### **Atlassian Jira**



#### Product Owner Goals



#### Product Owner Goals



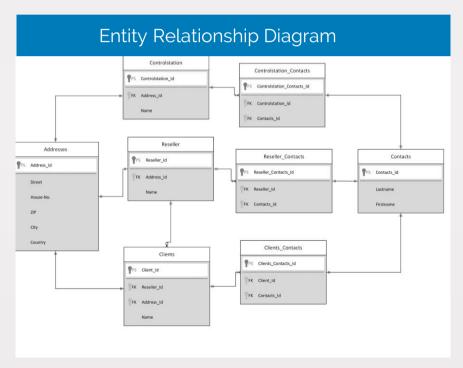
#### **Atlassian Jira**

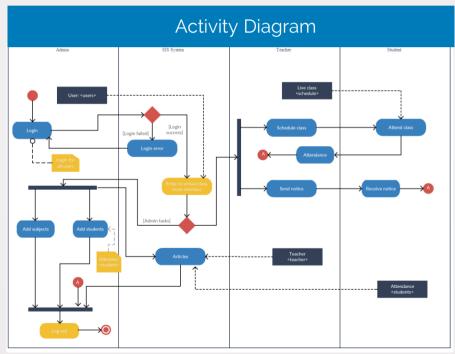
- O Describe product with user stories
- Manage Issue's lifecycle and types (Epic, Task, Story)
- Manage Sprint lifecycle
- O Create Jira workflows
- Perform Jira Issues Queries

### Analyst Goals



#### Visual Paradigm





### Analyst Goals



#### **Visual Paradigm**

- O Document product domain with Entity Relationship Diagram
- O Describe product main processes with Activity Diagram
- O Describe system architecture with Deploy Diagram

### Frontend Goals



#### **Prototype from template**



#### Frontend Goals



**Extract components** 



#### Frontend Goals



#### Handle user actions

Checkout	
1 Shipping address — 2 Payment details — 3 Review your order	
Shipping address	
First name *	Last name *
Address line 1 *	
Address line 2	
City*	State/Province/Region
Zip / Postal code *	Country *
Use this address for payment d	etails
	NEXT -

```
if ( sthis->rule_exists( sresource_details('id'), 'presource_id'

if ( sthis->rule_exists( sresource_details('id'), trale_details('id'), 'fresource_details('id'), trale_details('id'), trale_details('id'), trale_details('id'), trale_details('id'), trale_details('id'), 'stale_details('id'), 'stale_details('id'), 'stale_details('id'), 'stale_details('id'), 'stale_details('id'), 'stale_details('id'), 'details('id'), 'stale_details('id'), 's
```

Frontend Goals



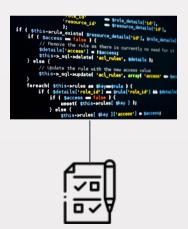
#### Data management and local state



#### Frontend Goals



#### Test Driven Development and Unit test frameworks









#### Frontend Goals

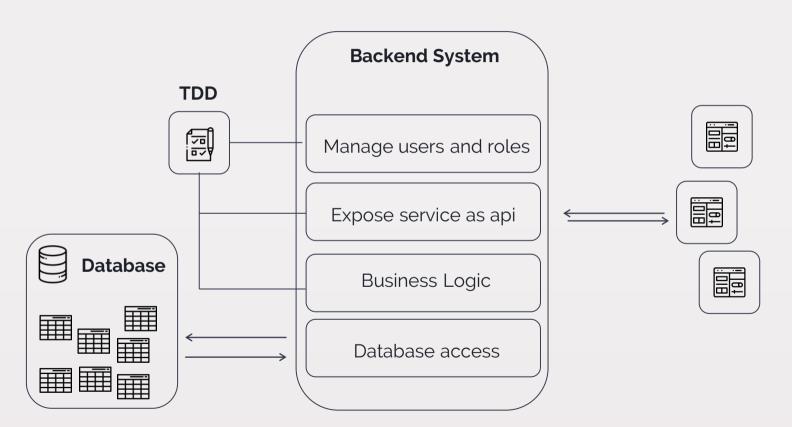


#### Implement Frontend with modern js Framework

- O Create a product prototype starting from UI template
- Implement UI leveraging composition of components
- O Handle user actions
- O Data Management and Local state
- Test Driven Development and Unit Test Frameworks

Backend Goals





#### Backend Goals



#### Implement Backend with modern Framework

- Manage access to Database
- O Implement business logic
- Expose service as Rest api
- Manage user roles and security
- Test Driven Development and Unit Test Frameworks

QA Goals



#### **Tools for Integration Test**

- O Test tools to query to Database
- O Test tools for Rest Api

DevOps Goals







Manage user and security with IAAM



EBS Frontend



EBS Backend



RDS Database



Cloud services costs administration

#### DevOps Goals



#### **AWS Cloud Services**

- Manage users and permission to AWS Account
- Administration of Costs and services
- Administration of Database on the cloud
- O Deploy and Operations of Frontend System on the cloud
- Deploy and Operations of Backend System on the cloud