

# **COMP 3059 – Capstone Project I**

## **Prototype and Technical Requirements**

### **Capstone Project : Academy**

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Kostiantyn Kyryliuk



George Brown College – T127 – Programmer Analyst Program  
COMP 3059- Capstone Project I  
Professor – Anjana Shah  
Fall 2019

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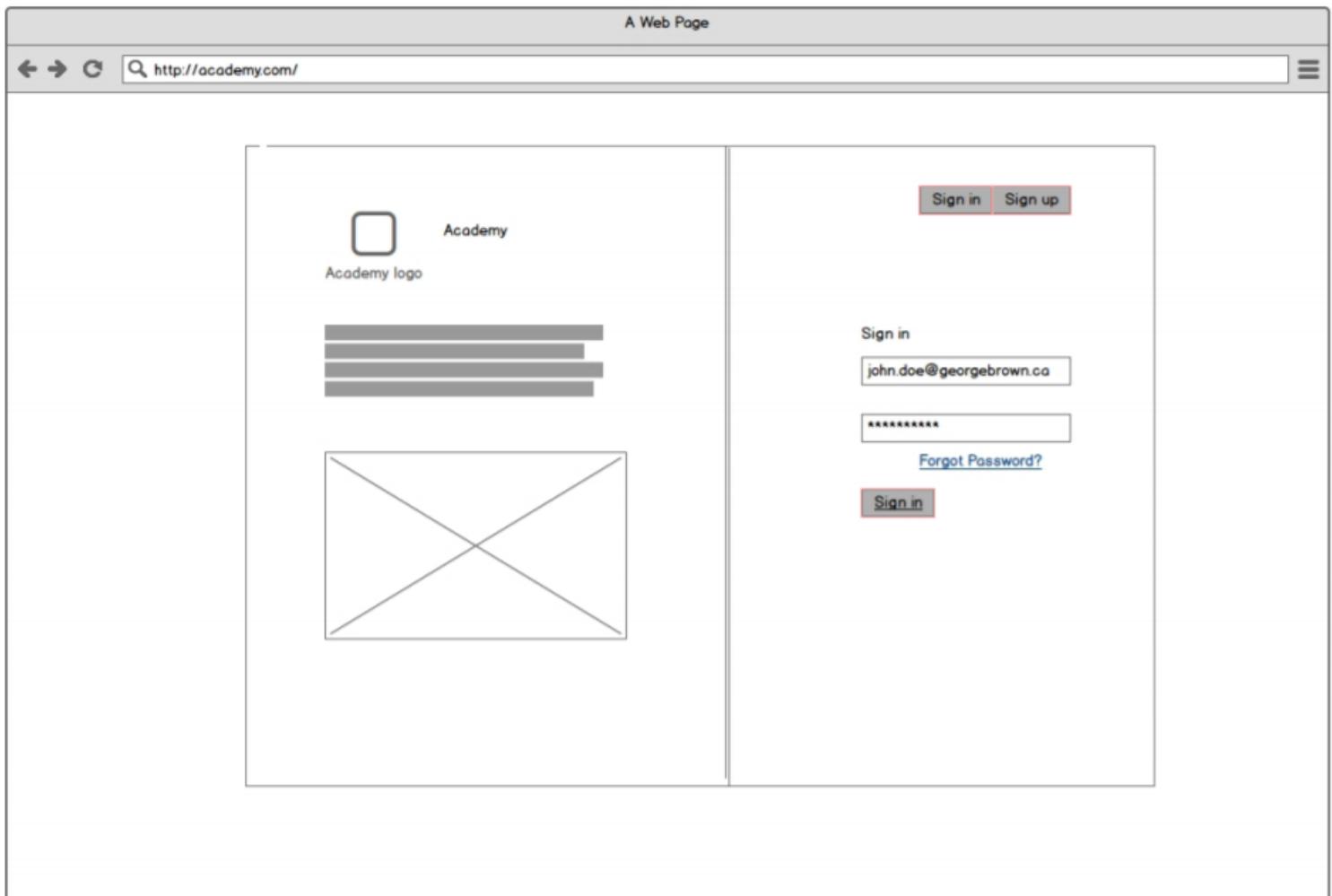
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## 1.0 Technology Requirements

Technology	Type	Reason
AngularJS	Front-end development	<p>AngularJS is a structural framework meant to be used to build dynamic web applications. Angular allows developers to use HTML as a template language, enabling the use of HTML's syntax to express application's components in a cleaner way.</p> <p>Our group decide to use AngularJS's due its advantages regarding dynamic projects. As well, the team decide to use this technology in order to take advantage of its unique data binding and dependency injection. Also, these features can eliminate much of the code to be written.</p>
Nodejs/express	Back-end development	<p>Node (or Node.js) is an open-source, cross-platform, runtime environment that allows developers to create server-side tools and applications by using JavaScript.</p> <p>Our team chose this technology, also, due its runtime is intended for use outside of a browser context, omitting browser-specific JavaScript APIs and adding support for more traditional OS APIs including HTTP libraries.</p>
Mongodb	Database	<p>MongoDB is an open, non-tabular which is able to store data as documents in a binary representation called BSON. Related information is stored together for fast query access through the MongoDB query language.</p> <p>We chose this technology because with it there is no need to declare the structure of documents to the system, as documents are self-describing.</p>

## 2.0 Prototype

Below, it is possible to see the prototype of the initial looks of Academy. Therefore, the following images reveal a preliminary model of the website that will be live in few months from now.



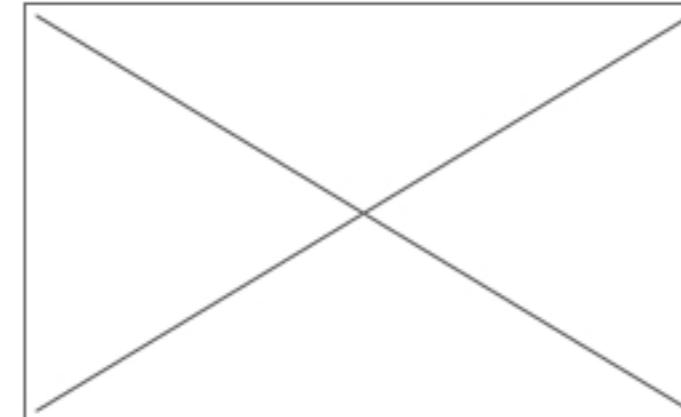


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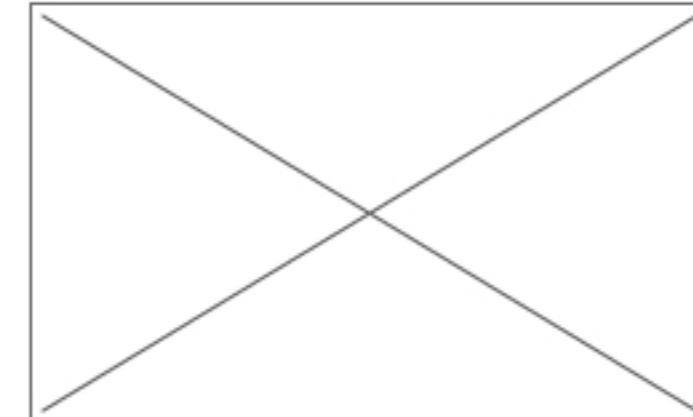


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Never	Rarely	Sometimes	Often	Always
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1 - Question B?

Never	Rarely	Sometimes	Often	Always
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1 - Question C?

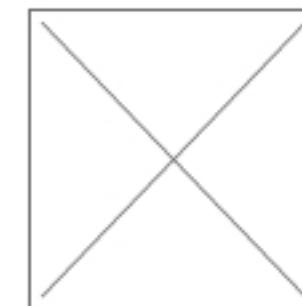
Never	Rarely	Sometimes	Often	Always
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1 - Question C?

Never	Rarely	Sometimes	Often	Always
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1 - Question D?

Never	Rarely	Sometimes	Often	Always
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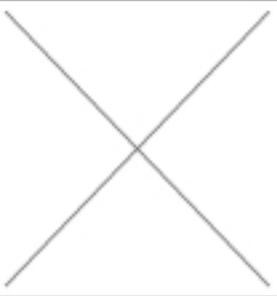
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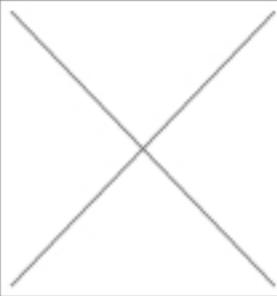
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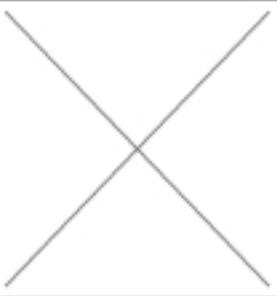
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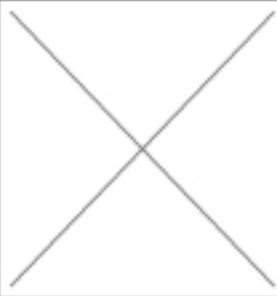
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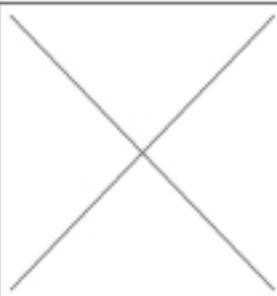
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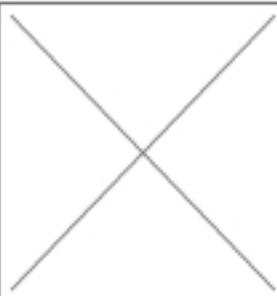
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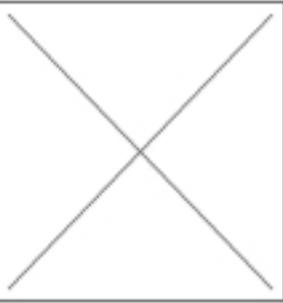
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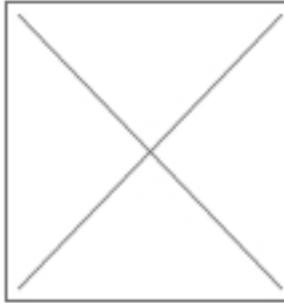
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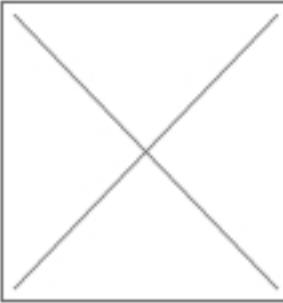
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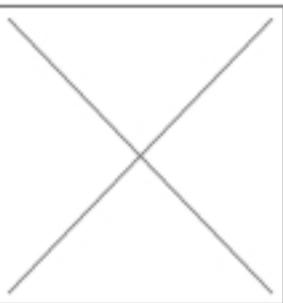
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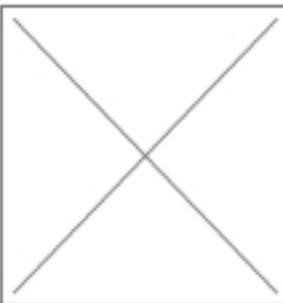
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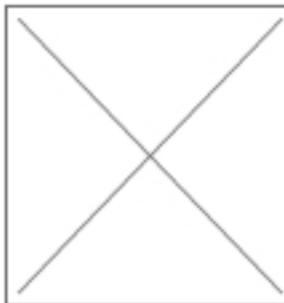
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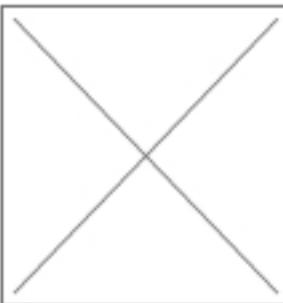
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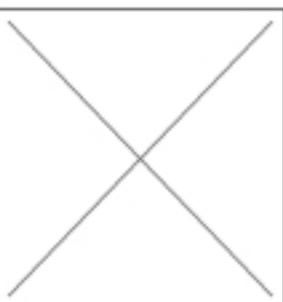
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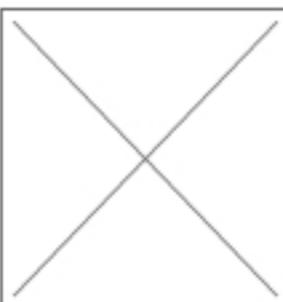
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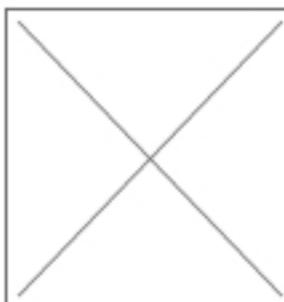
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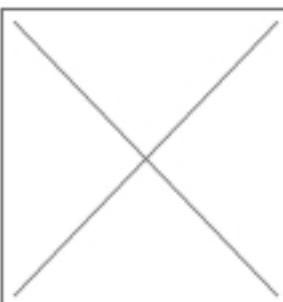
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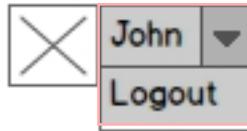
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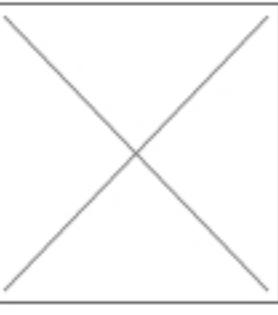
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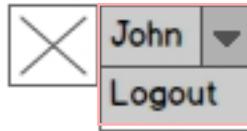
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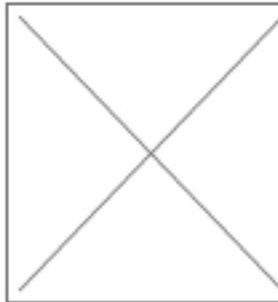


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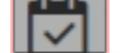
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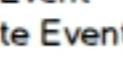
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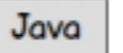
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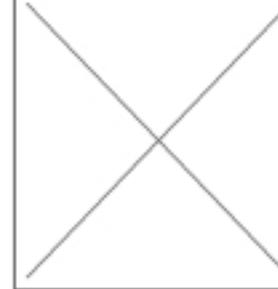


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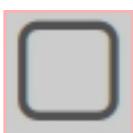
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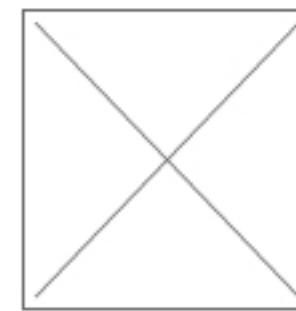
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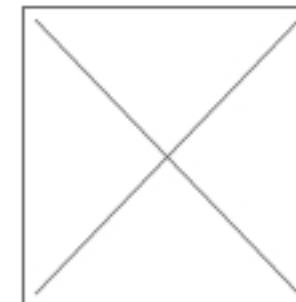
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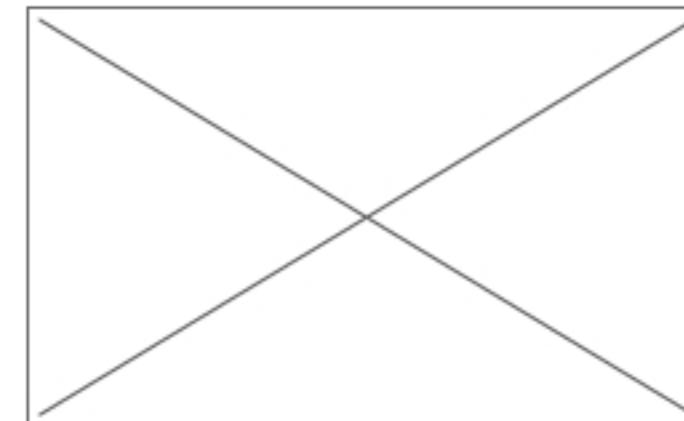


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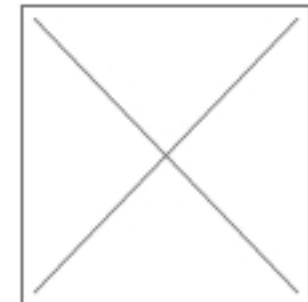
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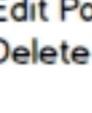
  
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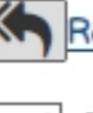
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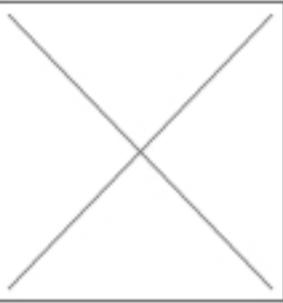
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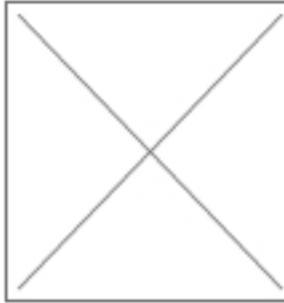
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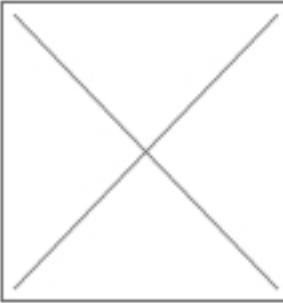
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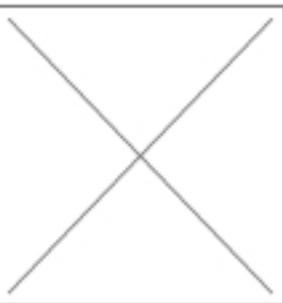
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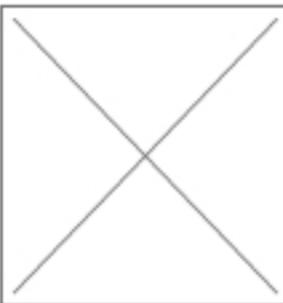
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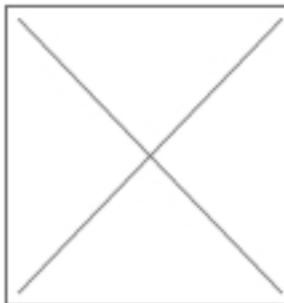
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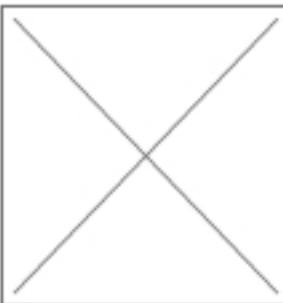
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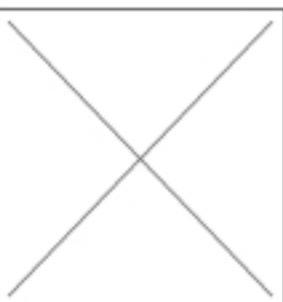
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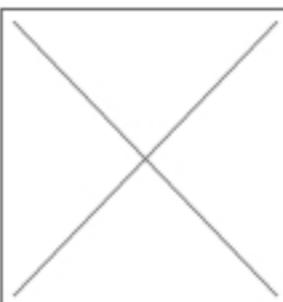
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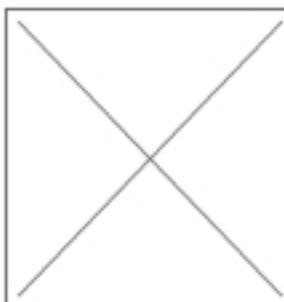
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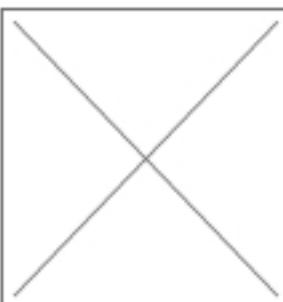
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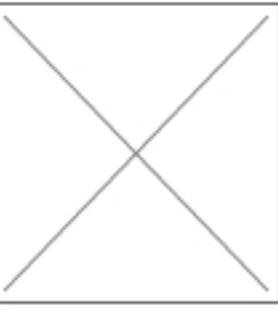
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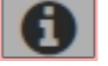
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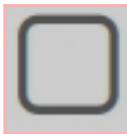
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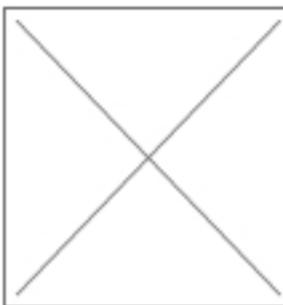
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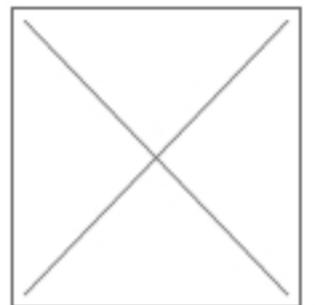
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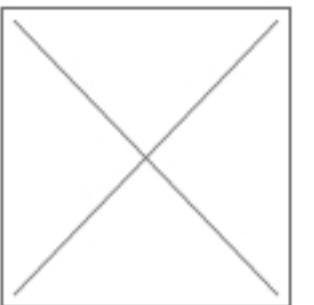
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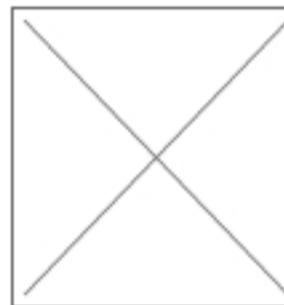
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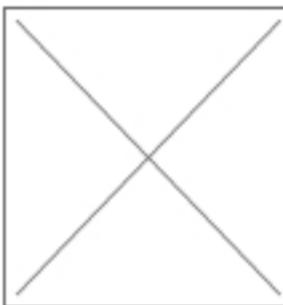
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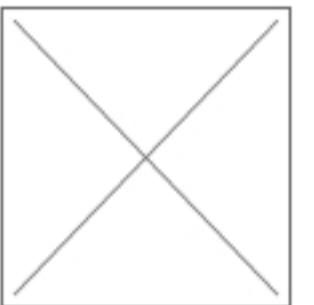
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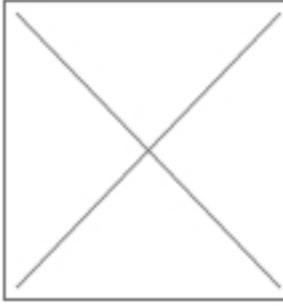
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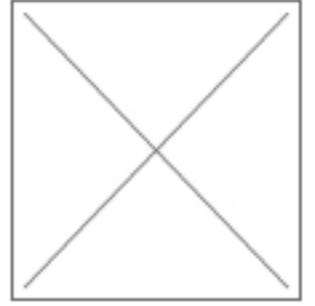
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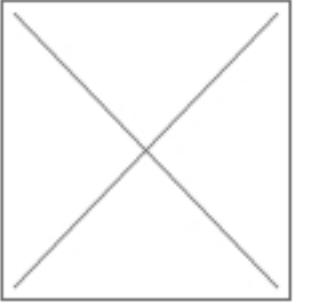
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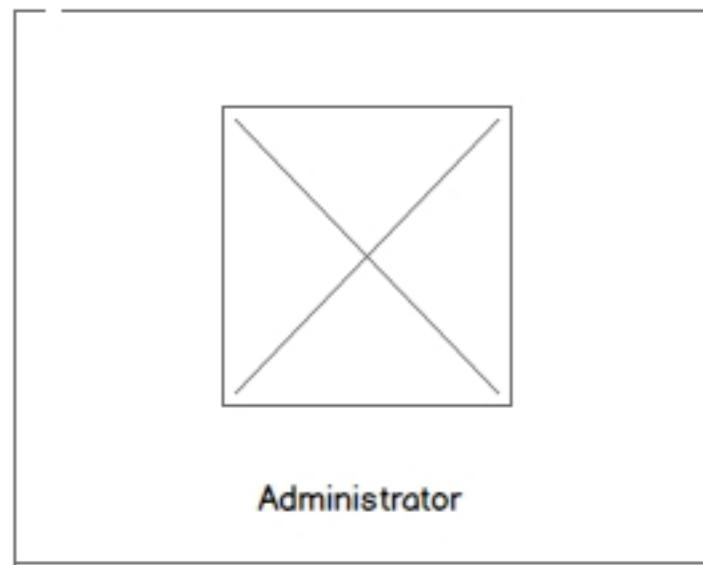
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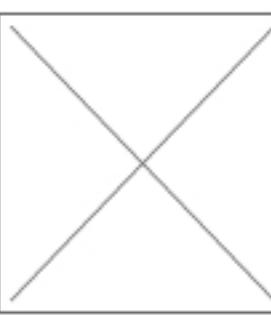
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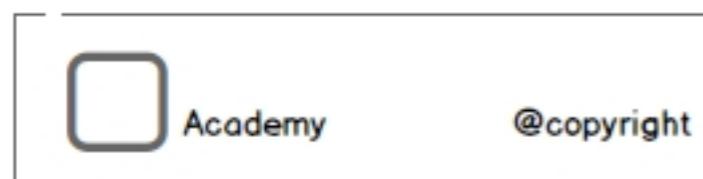
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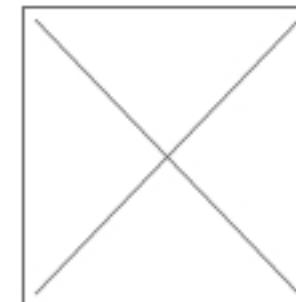
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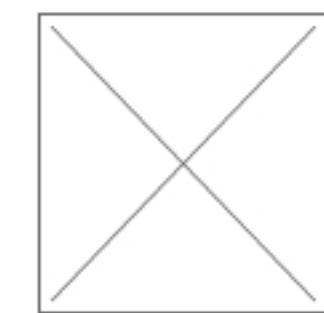
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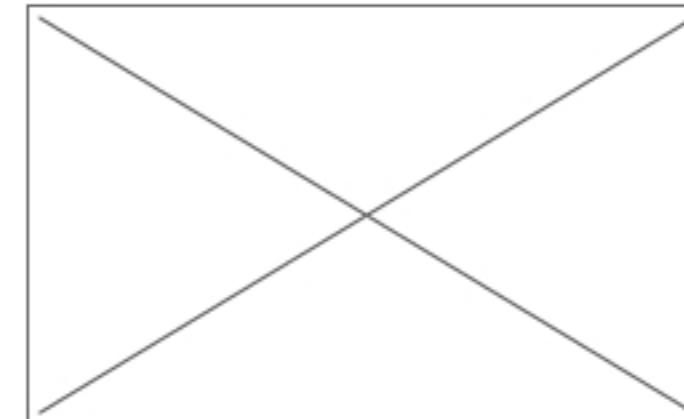


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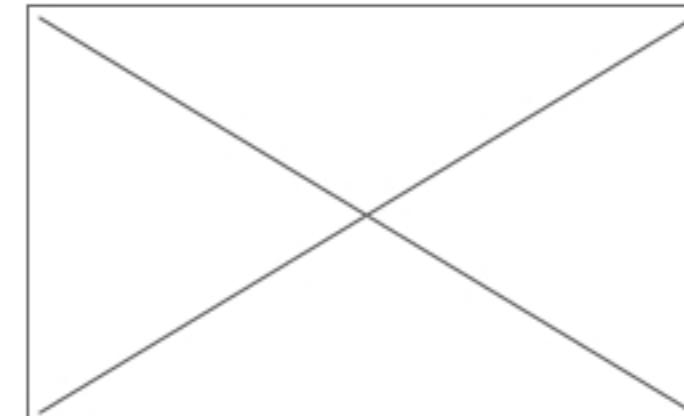


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Never	Rarely	Sometimes	Often	Always
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1 - Question B?

Never	Rarely	Sometimes	Often	Always
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1 - Question C?

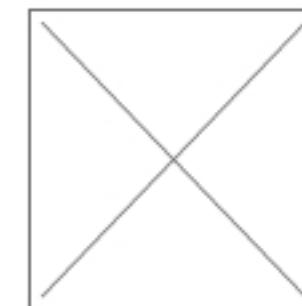
Never	Rarely	Sometimes	Often	Always
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1 - Question C?

Never	Rarely	Sometimes	Often	Always
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1 - Question D?

Never	Rarely	Sometimes	Often	Always
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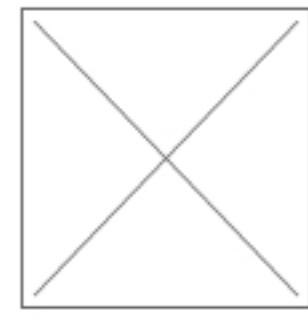
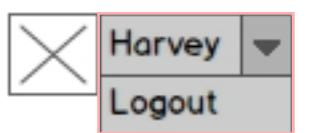
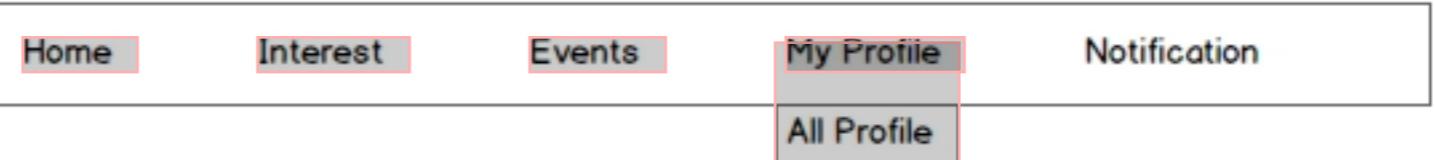
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Instructor

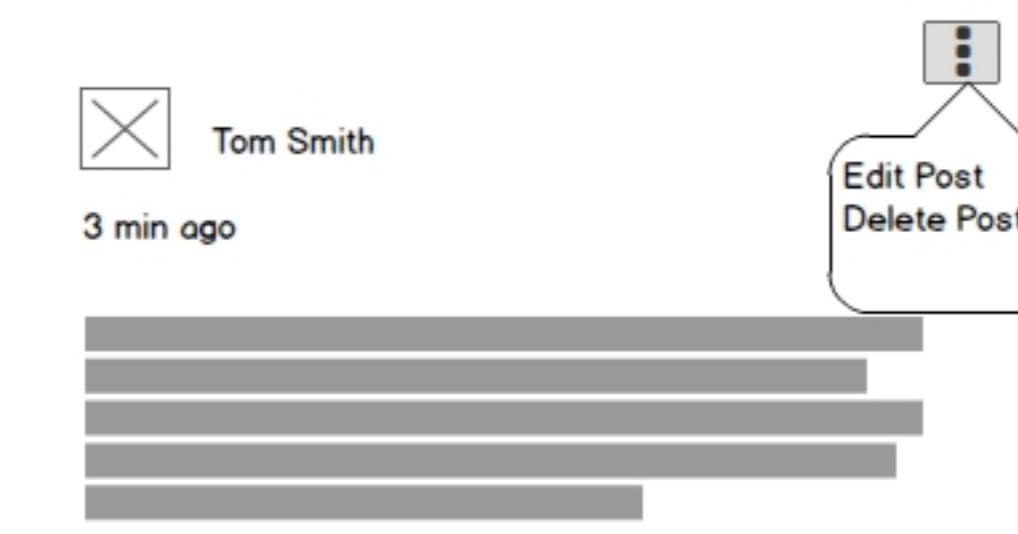
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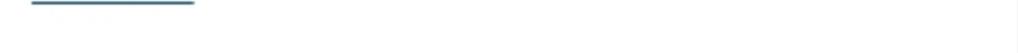
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Comments 1



John Doe

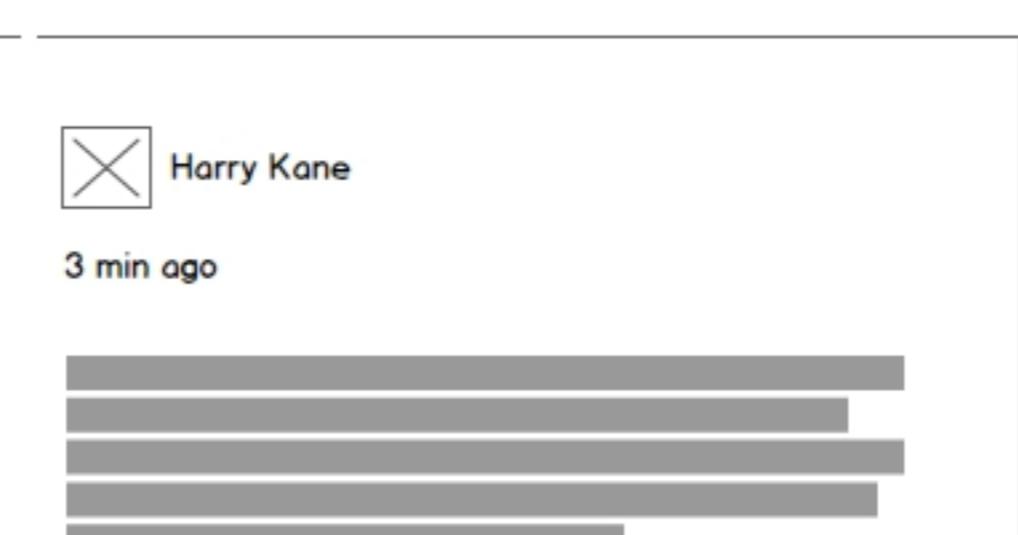
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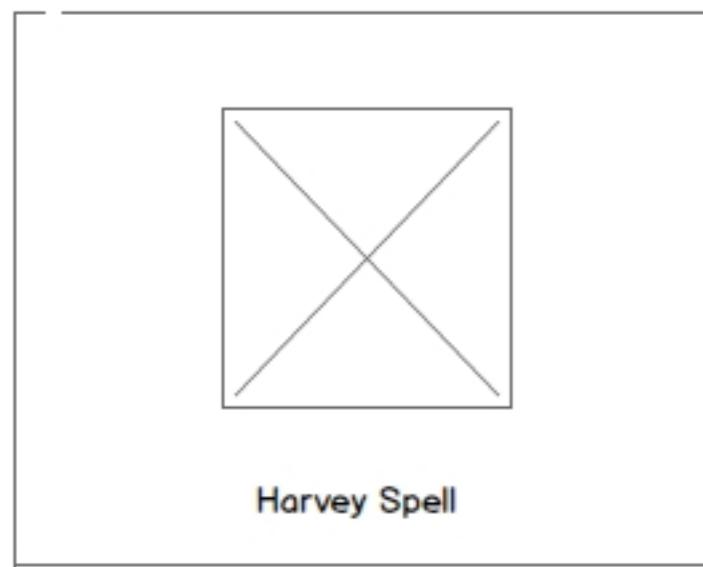
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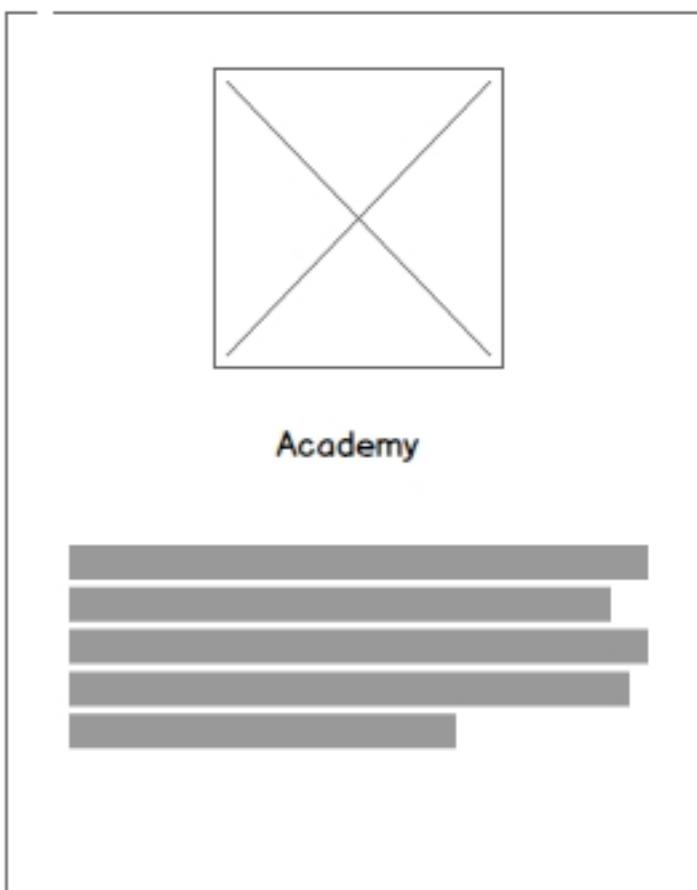
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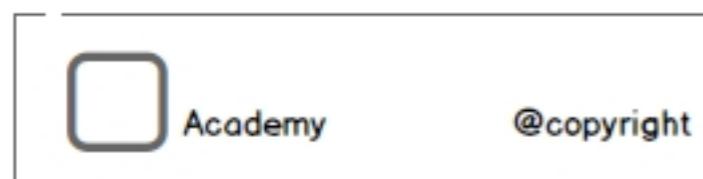
John Doe



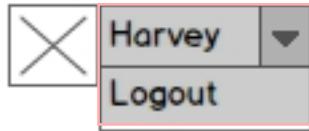
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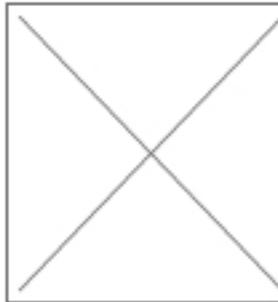


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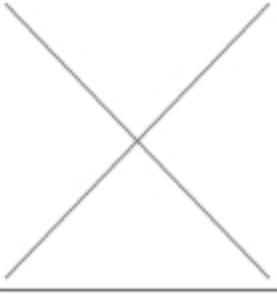
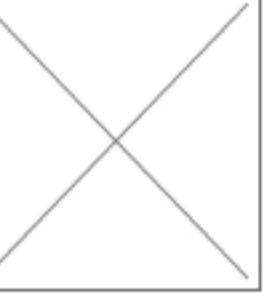
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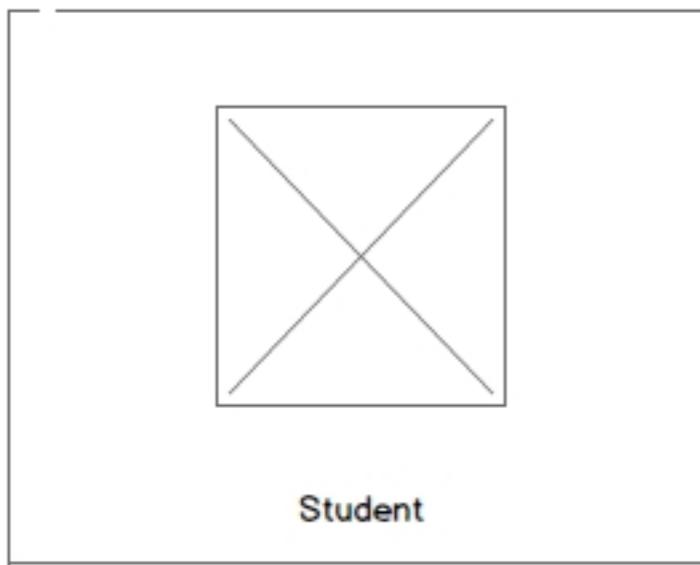
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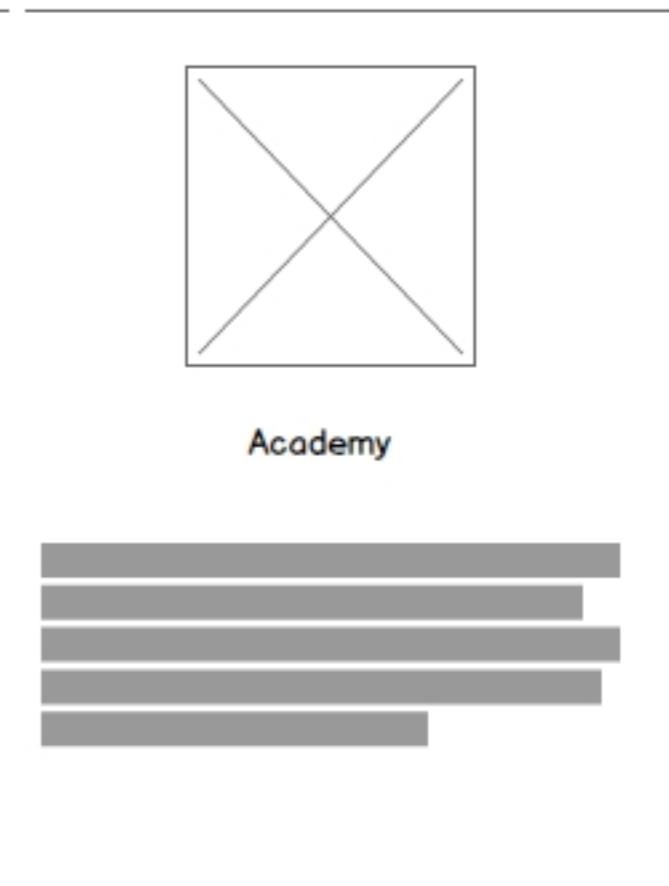
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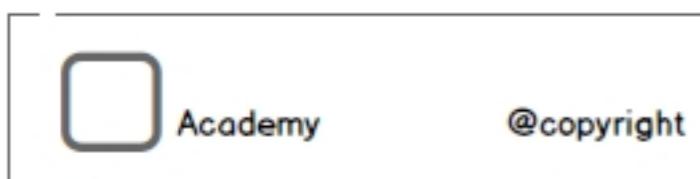
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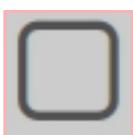


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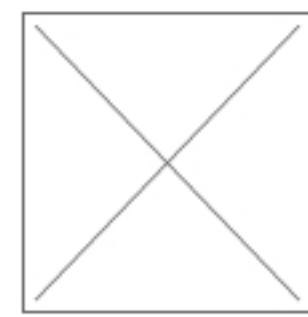
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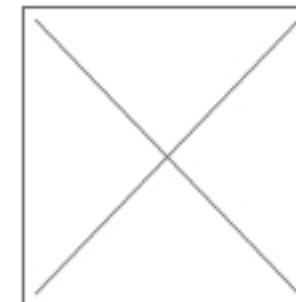
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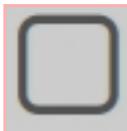
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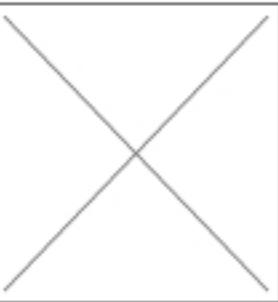
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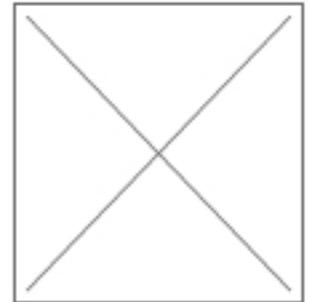
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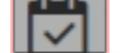
Database 

C# 



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### 3.0 Approval

Project Role	Name	Signature	Date
Team Leader	Nathalia Silva	N.S.	Nov 19 <sup>th</sup> , 2019
Tech Leader	Yuri Kusik	Y.K.	Nov 19 <sup>th</sup> , 2019