

System Design Document
CSCC01 Summer 2021
Team: Seal

Table of Contents

System Design Document

CSCC01 Summer 2021

Team: Seal 1

Software Architecture 3

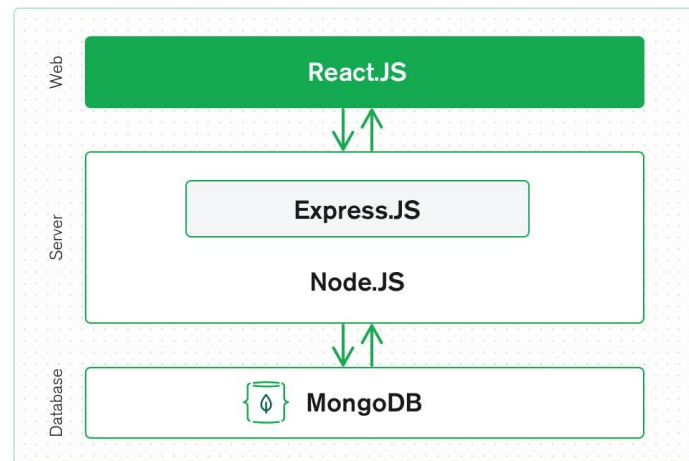
SEAL-17: As a startup founder, I want to browse through potential investors, so that I can connect with potential investors for my startup. 3

SEAL-18: As a service provider, I want to provide a special discount/offer to some startups. 4

SEAL-37: As a user, I want to create posts that also display my user information, so that other people are able to find out more about me 5

Software Architecture

For this project, we are using a 3-tier architecture setup, with React on the top as our Website, Express running on top of Node in the middle as our server and MongoDB as the bottom database layer.



SEAL-17: As a startup founder, I want to browse through potential investors, so that I can connect with potential investors for my startup.

Class Name: FriendRequest.js	
Parent Class (if any): None Subclasses (if any): None	
Responsibilities: <ul style="list-style-type: none">• Display current login user's friend, friend requests received, and friend requests sent.• Link to viewing the user profile who is the user's friend, or friend requests received, or friend requests sent.	Collaborators: <ul style="list-style-type: none">• None

Class Name: MyUserProfile.js	
Parent Class (if any): None Subclasses (if any): None	
Responsibilities: <ul style="list-style-type: none"> • Display current login user's friend status with the user currently being viewed 	Collaborators: <ul style="list-style-type: none"> • None

Models:

Class Name: Friend	
Parent Class (if any): None Subclasses (if any): None	
Responsibilities: <ul style="list-style-type: none"> • Manages Friends, friendrequests outgoing and incoming. • is pointed to by a user 	Collaborators: <ul style="list-style-type: none"> • User

SEAL-18: As a service provider, I want to provide a special discount/offer to some startups.

Class Name: OfferViewer.js	
Parent Class (if any): None Subclasses (if any): None	
Responsibilities: <ul style="list-style-type: none"> • Display the offers in the offer page • Holds the offer message text and the user ID of the account that offers it • Allow user to click to see specific post 	Collaborators: <ul style="list-style-type: none"> • Offer.js

Class Name: Offer.js	
Parent Class (if any): None Subclasses (if any): None	
Responsibilities: <ul style="list-style-type: none"> • Display the specific offer 	Collaborators: <ul style="list-style-type: none"> • OfferViewer.js

SEAL-37: As a user, I want to create posts that also display my user information, so that other people are able to find out more about me

Class Name: PostPopup.js	
Parent Class (if any): None Subclasses (if any): None	
Responsibilities: <ul style="list-style-type: none"> • Displays the name of the poster • Displays detailed information of poster when hovering over the name • Clicking on name redirects you to the user's profile 	Collaborators: <ul style="list-style-type: none"> • None