CLASSROOK

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The Problem

April 19 at 1:10 AM · 😂 Has the Gov't and Religion application gone out yet? Anyone that Wha has taken it as a senior have thoughts on workload with Capstone? Would appreciate any input

5 Comments



Any feedback on the following courses and professors? Workload, grading, engagement, intellectual stimulation, easy A?

Industrial Revolution and the Future of Work w/ Nancy Gleason Mortal and Immortal Questions w/Philip Mitsis FOMST w/ Edgar Kiser

14 Comments



Conversation Starter · April 23 at 4:56 PM · ®

Thoughts on "Feature Writing" with Charles Siebert in terms of workload and grading.

Also is it chill to take Literary Interpretations (w Toral Gaiarawala) and Foundations of Literature (w Cyrus Patel) together? would really appreciate some guidance.



O 1

April 23 at 2:52 PM · 😂

Can someone please send me any previous syllabus for: Contracts with Peter Goodrich Economic History in the Middle East with Bob Allen Also, thoughts on the workload? Thanks a lot

29 Comments



8 Comments OS Sarah Al and 3 others

April 4, 2019 · 😂

Psvch Maiors!

Was wondering if taking Biopsych and Statistics for Psych together is a good idea? Is the workload manageable? How strict is Global Ed on lacking in 1 of required classes before going on study away? Any guidance would be super helpful.

TIA!

(1) 2

8 Comments

April 12 · 😂

I would really appreciate any recommendations for classes. I need the following requirements but I would also love to enjoy senior year. If you have done a class or a professor that you really enjoyed lmk

Can people please recommend GPA friendly:

- · Research methods elective
- SRPP social structures and global processes elective
- · Core: Data and discovery

GPA friendly is characterized by the following:

- The professor is a kind to a fair grader
- · The workload is manageable for senior year
- · Limited to no math

Conversation Starter · April 22 at 5:48 PM · @

any recommendations for a philosophy course I could take that would show me if I want to switch to a philosophy major? (anything fun, engaging with a cool Professor, and an easy A with manageable workload)

24 Comments

Hi Michael,

etisalat 🛜

I heard rumors that NYUAD students have some sort of a dataset or website containing all questions of previous years for various courses. Is this true? If so, do you have any information you can share? Don't worry, I promise not to mention this conversation to anyone. I just want to know to help me prepare for exams, e.g., by never using the same question twice if needed. **Thanks**

12:10 AM

(V)



me Dec 17, 2019



2 39% ■

Hi Professor,

Sorry, I haven't heard about this database. That would be very helpful if it does exist. I think normally when we want to see past exams we would ask professors to upload them to NYUClasses and some professors do that ar we neet on feachable to see if

The solution

A Progressive Web Application can do the following:

- View course information that covers the entire NYUAD catalog
- Post reviews about courses.
- Upload important learning materials for others.
- Download learning materials

Most importantly:

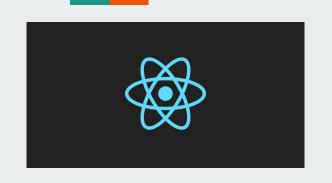
 A point based system that rewards users who share materials with each other







Development process











Demo!

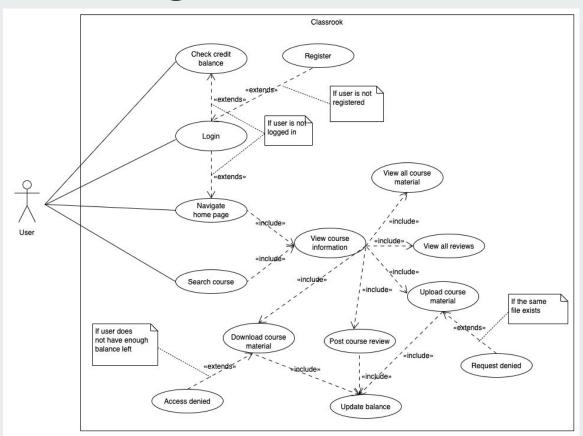
Process models

We used the Agile/Scrum framework because of the fact that:

- 1) Small team of software engineers.
- 2) Features built incrementally and tested before moving onto the next.
- 3) Team members are competent and able to complete tasks by taking initiative.

PHASE		DETAILS		Apr					١	May		
			Week 1	Week 2	Wee	k3	Week 4			Week 5		
Sprint	Stage of process		5 6 7 8 9 10 11 1	2 13 14 15 16 17 18	19 20 21 2	2 23 24 25	26 27 28 29 30	1 2	3 4	5 6	7 1	8
1	Communication/Planning	- Requirement gathering	Req Gathering									
		- Function points analysis	FPA									
		- Feasibility study	Feas. Study									
		- System request	System Request									
	Modelling	- Produce use case model	Us	e case model								
		- Produce activity diagram		Activity Diagram								
		- Produce sequence diagram		Sequence diagram								
		- Produce class diagram		Class diagram								
3	Construction	- Backend and database design			Backend & DB							
		- Frontend design			Frontend							
		- Unittesting			Unittes	ing						
		- Integration testing				Integration T.						
4	Deployment	- Deployment on G. Cloud					Deploy					
		- Validation testing					Validation					
		- System testing					Syr	stern testing				
5	Release	- Invite seed users to beta test							Beta test			
		- Study system performance							Stu	dy perform	nace	
		- Plan next sprints									Plan	

Use case diagram



Class diagram and design patterns

- 1. <u>Backend REST API facade</u>
 - a. APIs provides a simplified interface to hide interaction among backend classes
 - b. Keeps tech stack flexible; avoids lock-in
- 2. <u>Database singleton</u>

the database object offers a single point of access that is available globally to guarantee ACID principle

3. <u>Serializer - adapter</u> allows database records of different types to be returned as json objects

```
class CourseSerializer(serializers.HyperlinkedModelSerializer):
   class Meta:
       model = Course
       fields = ['id', 'category', 'code', 'title', 'description']
lass UserSerializer(serializers.HyperlinkedModelSerializer):
   class Meta:
       model = User
       fields = ['id', 'username', 'email', 'credits']
class ReviewSerializer(serializers.HyperlinkedModelSerializer):
   class Meta:
       model = Review
       fields = ['id', 'user_id', 'course_id', 'review', 'created_at', 'last_modified'
                                                        CourseMaterial
                 rlpatterns
                    path('', include(router.urls)),
                    path('admin/', admin.site.urls),
                    path('courses/', views.course_list),
                    path('user/', views.user_info),
                    path('review/', views.post_review),
                    path('upvote/', views.upvote_review),
                    path('add_user/', views.post_user),
                    path('get_by_email/', views.user_info_by_email),
                    path('course_by_code/', views.course_info_by_code),
                    path('get_exact_course/', views.get_exact_course),
                    path('review_by_course_id/', views.review_info_by_course_id),
                    path('upload_document/', views.upload_file),
                    path('download_document/', views.download_file),
```

Class diagram and design patterns

- 4. Frontend **Builder** Separate the construction of a complex object from its representation.
- 5. Frontend Higher Order Component or **Decorator**

```
render(){
if(this.state.filesView){
     return (<Redirect to={\'/majors/\$\{this.state.courseInfo.categorv\}/\$\{this.state.courseInfo.id\}/\files\\}/>)
 return(
     <Grid container direction="column">
         <CourseInfoCard {...this.state.courseInfo} />
     {this.showUpload()}
     <Grid item>
         <CreateReview />
     ⊲Grid item>
     <Grid item container justify="center" alignItems="center">
     <Grid item xs={false} sm={2} />
     <Grid container spacing={8}>
         {this.state.reviews.map(contentCardObj =>
             <Grid item xs={12} sm={4}>
             <ReviewCard { ...contentCardObi} />
   </Grid>
```

```
port const Builder = (displayName = 'Component') => {
 let render, componentDidMount
 const builder = {
     render: renderFn => {
         render = renderFn
         return builder
     componentDidMount: didMountFn => {
         componentDidMount = didMountFn
         return builder
     build: () => {
        if (! render) {
             throw new Error('Component render method required')
         let Comp;
         Comp = class extends Component {
             render() {
                 return render(this.props)
             componentDidMount() {
                 if ( componentDidMount)    componentDidMount(this.props)
```

QA measures

Validation testing.

View course information Post course review Upload materials Download materials.

Bugs found:

Incrementing point count when uploading materials

Search bar visibility in front-end



ClassRook

TRAVEL BACK TO HOMEPAGE



ials					
Class	Rook	Welcome Bokang Jia! I Credits:			
SRPP-UH-1412J Wealth and Inequality in the Global City					
income and wealth inequalities in many countries around the world, combined wit tists and media commentators. For example, some estimates suggest that the ric					

rising income and weath inequalities in many countries around the works, commonded with the very right levers of concentration of weath in the works deconority, have become a topic or growing concern for social contents and made in control and if all of a long to a survive or concentration or weath in the very leading to a survive and forced to survive or less than \$2 a.d. day. Our course will interrogate some of the key questions raised by rising inequality from a variety of perspectives. We will use our location in Accra as a laboratory for this investigation, taking advantage of the opportunity to both observe inequality and poverty up-close as well as exploring some of the ways of ANGOs are attempting to amelicrate the wor of its effects. But we will frame our investigation in this observe inequality and even of the self-control and accordance to the control of the control o

rea	te	а	new	Review	

Review

POST REVIEW