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Application Engineering and Development

INFO 5100

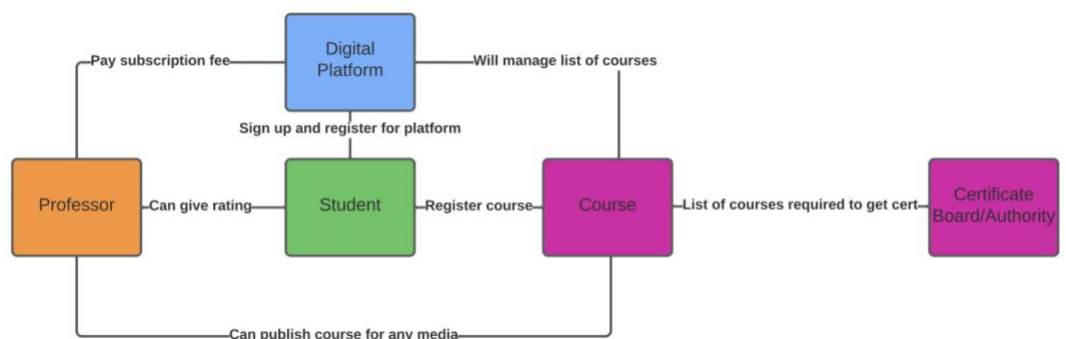
Professor as a Service: Report

Professor as a Service (hereby referred to as PAS) is a software solution to make education globally accessible to every student interested in a particular topic or a course from a particular industry. This model challenges the existing traditional education models prevalent in universities and colleges around the world. PAS brings about a new way of pursuing education in the field of interest of the student, taught by a field expert as a professor.

Requirements:

- 1. Report: this document and a PowerPoint version.**
- 2. Architecture diagram showing the new business model and how it is different from traditional university setup.**

Professor as a Service: Business Model

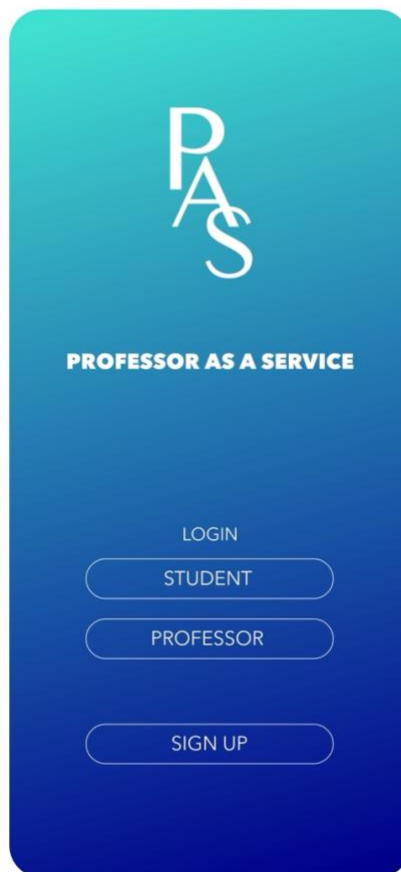
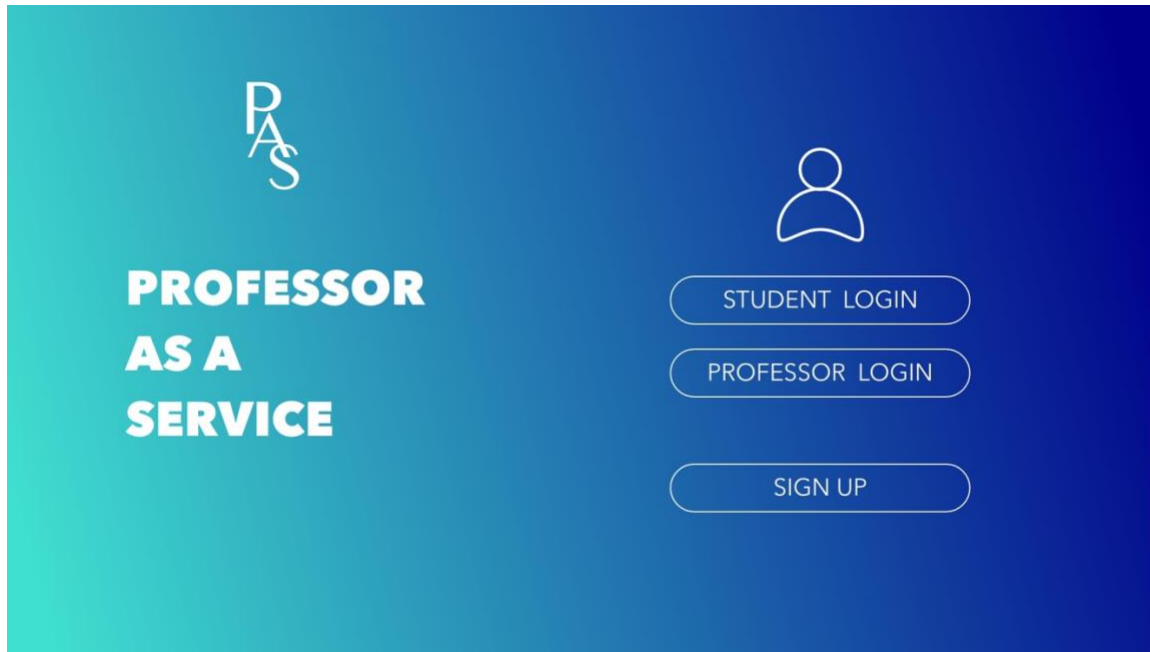


How it is different from a traditional university setup:

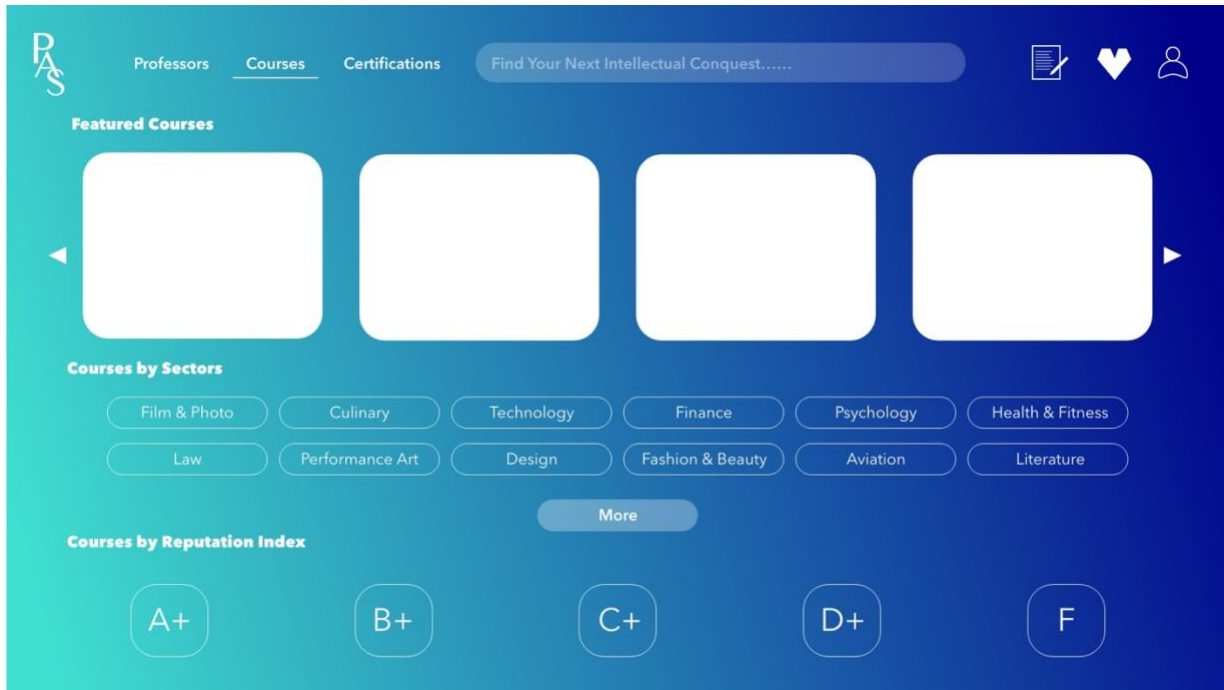
- For underprivileged students, there is financial aid option and the option to pay in installments.
- Platform will charge 3-5% course fee to professors.
- Platform will offer discounts if some course is in low demand or found more expensive than average courses.
- Certificate Authority will verify if certificate requirements are met before certificate is issued.

3. Screen designs for the different use cases (roles).

Login Page



Student Courses Search Page



Each Course Description Page




PA
S

Professors

Courses

Certifications


Find Your Next Intellectual Conquest.....



Foundations of UX Design

X

OverviewChaptersReviewsPre-Reqs





Certification: UX Designer

Launched by: Google

Reputation Index: A+

Price: \$150

 Watch Intro Video

 Add to Wishlist

Chapter 1: UX Design Principles

This chapter talks about the original ideas and concepts about design, what user experience comprises of, why user experience is the most sought after trait of business in today's age.

Chapter 2: Experience Design

This chapter talks about the experience design process. Right from the researching and getting information from the user to delivering products to the user.

Chapter 3: User Research

This chapter talks about the research process. How to pick the right target user market, what questions to ask and how to translate that into a solution in the business model.


PA
S

Find your next muse.....

Professors

Courses

Certifications



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Chapter 1: UX Design Principles




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Certifications Page

PAS

ProfessorsCoursesCertifications

Find Your Next Intellectual Conquest.....



Certifications

View: List



Filter: USA X France X Dubai X

Sort By: Alphabetically

Name	Industry	Certification	Price	Reputation Index
ABPP	Psychology	Behavioral Psychology	\$200	A+
Amazon	Technology	Amazon Web Services	\$200	A+
Amal Clooney	Law	Human Rights Law	\$500	A+
CFA Institute	Finance	Chartered Finance	\$800	C+
Google	Technology	UX Designer	\$150	A+
Gordon Ramsay	Culinary	Continental Chef	\$750	B+

PAS

Find your next muse.....



ProfessorsCoursesCertifications

Certifications

A list of certifications from different industries partnered with PAS

View: List

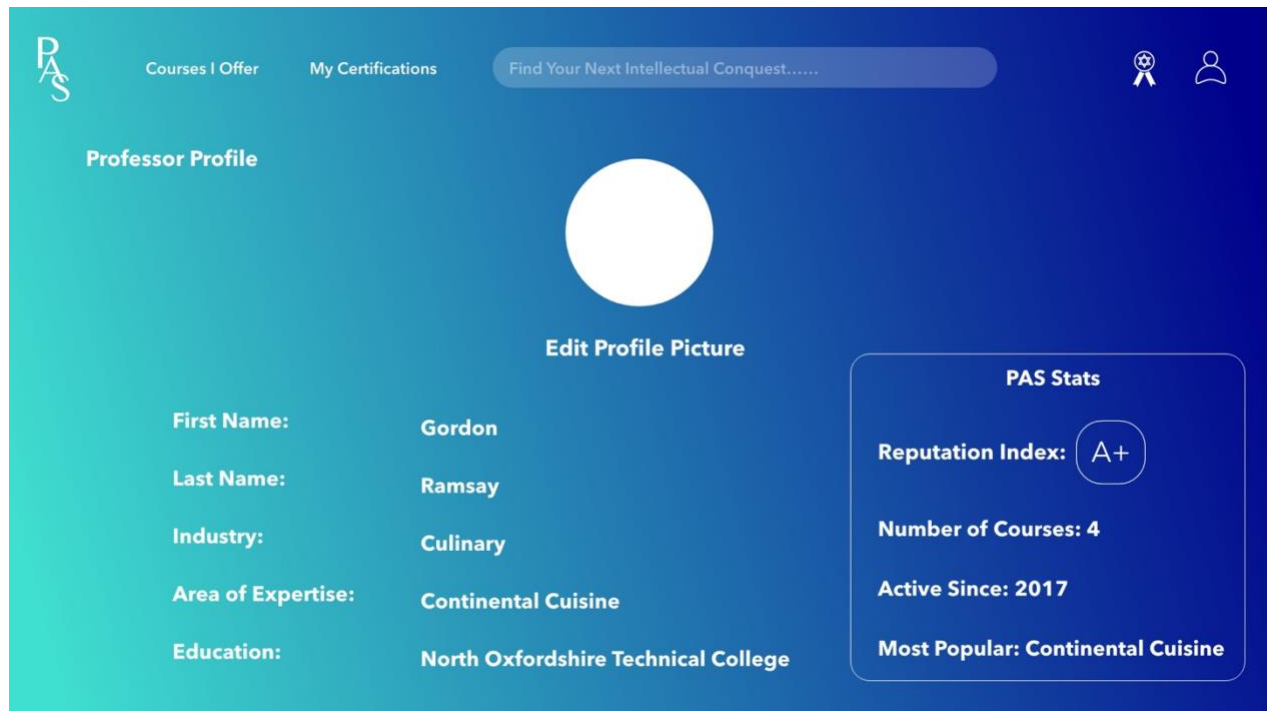
Filter: USA X France X Dubai X

Sort By: Alphabetically

Name	Industry	Certification	Price
ABPP	Psychology	Behavioral Psychology	\$200
Amazon	Technology	Amazon Web Services	\$200
Amal Clooney	Law	Human Rights Law	\$500
CFA Institute	Finance	Chartered Finance	\$800
Google	Technology	UX Designer	\$150
Gordon Ramsay	Culinary	Continental Chef	\$680
Huda Kattan	Fashion & Beauty	Makeup Artist	\$540
Natalie Portman	Performance Art	Acting	\$350

More

Professor Profile Page



The Professor Profile Page features a teal-to-blue gradient background. At the top left is the 'PAS' logo. Navigation links include 'Courses I Offer', 'My Certifications', and a search bar with the text 'Find Your Next Intellectual Conquest.....'. User icons for a medal and a profile are on the top right. The main section is titled 'Professor Profile' and contains a large circular profile picture placeholder with the text 'Edit Profile Picture' below it. To the left of the stats is a list of profile details. To the right is a 'PAS Stats' box.

Field	Value
First Name:	Gordon
Last Name:	Ramsay
Industry:	Culinary
Area of Expertise:	Continental Cuisine
Education:	North Oxfordshire Technical College

PAS Stats

- Reputation Index: A+
- Number of Courses: 4
- Active Since: 2017
- Most Popular: Continental Cuisine

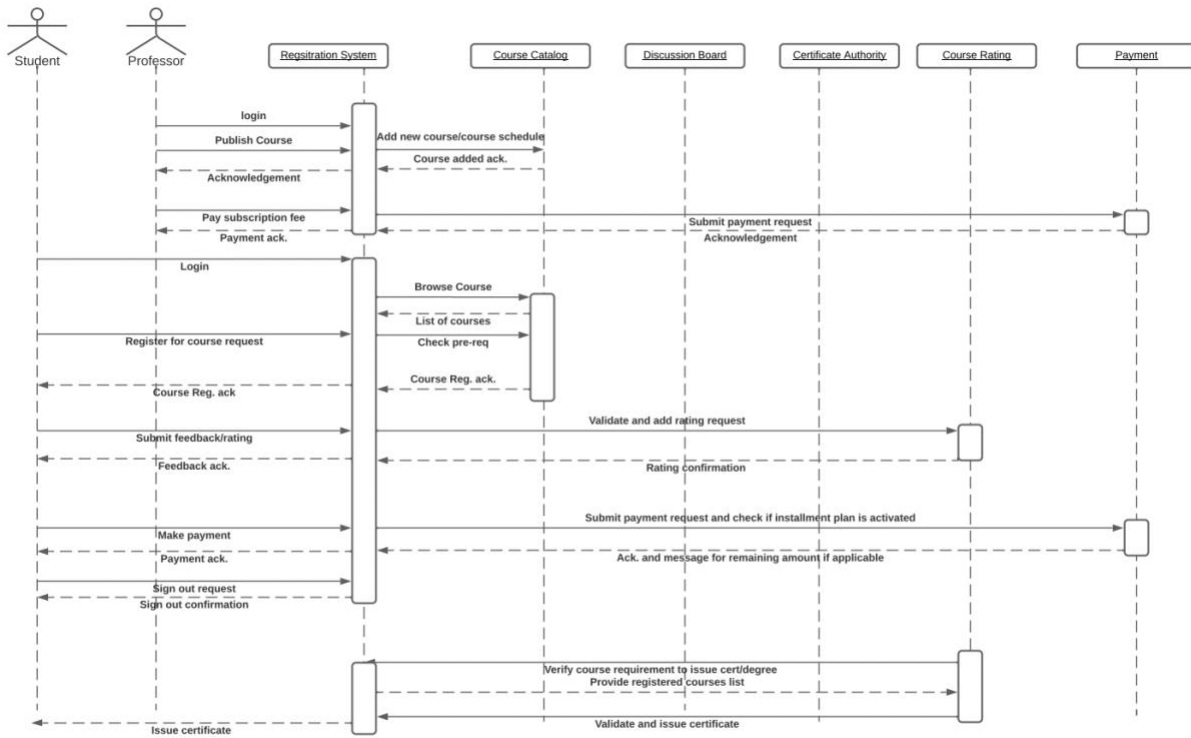
Professor Reputation Index Page



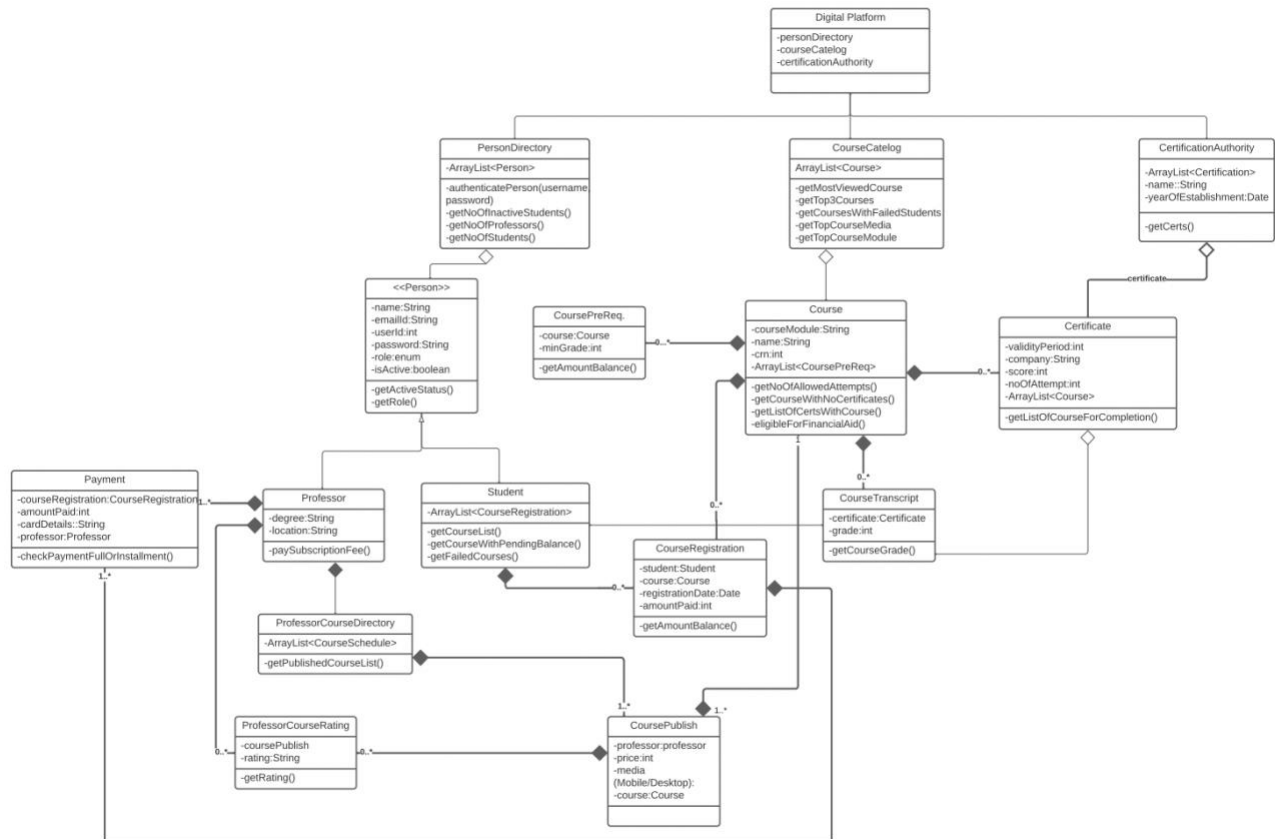
The Professor Reputation Index Page has a teal-to-blue gradient background. It features the 'PAS' logo, a search bar 'Find your next muse....', and navigation links 'Courses I Offer', 'My Certifications', and 'Reputation Index'. Below the navigation is a filter section with 'Years' (2020, 2021, 2022) and 'Sort By: High to Low'. The main content area displays a list of courses with their enrollment, release year, and reputation index.

Course Title	Enrolled	Released	Reputation Index
Foundations of UX Design	198,402	2022	A+
User Psychology	226,347	2021	A+
Responsive Web Design	307,298	2020	B+
Prototyping Techniques	582,357	2020	A+

4. Sequence diagrams showing how to navigate the university object model to deliver performance metrics needed for performance and feedback.



- A class diagram showing the changes to the university model to support the new capabilities. This diagram must include the additional methods and attributes required to deliver the results.



- Overall assessment and opinion on whether such digital educational platforms of the future will make education easily accessible and affordable to the less fortune.**

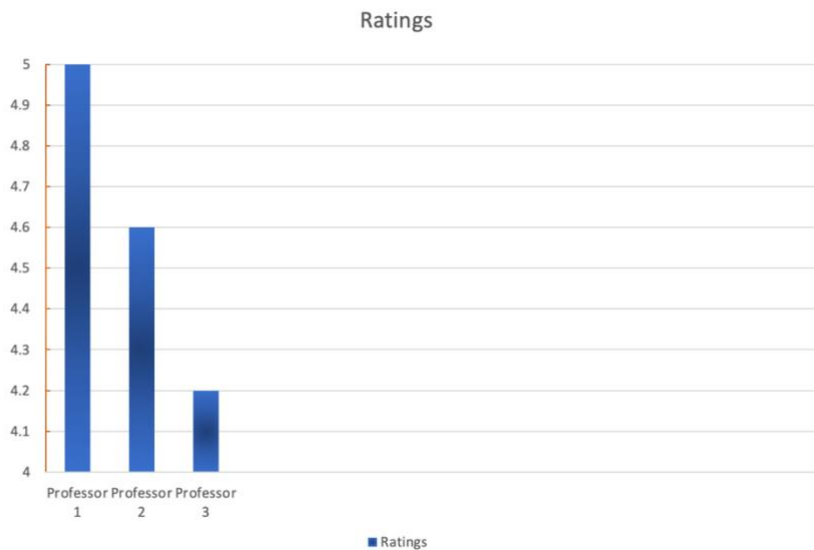
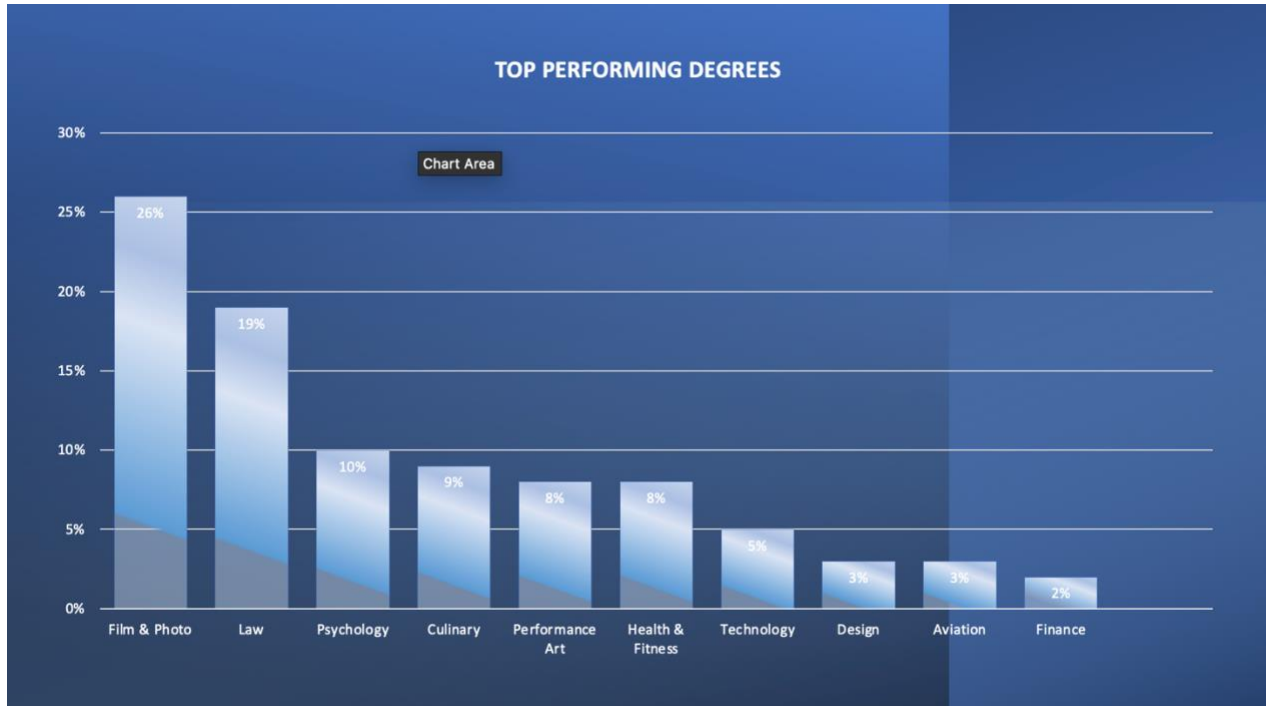
Our Professor as a Service (PAS) model gives the flexibility to students to pick courses from their preferred media and timing. Reputation Index method aids students to make better decision on which professor is highly rated for specific course. Also, the reputation index model helps platform to understand which professors have low ranking and find alternatives to analyze student feedback and improve the course content.

Secondly, this model allows students to pay for the course in full and in installments which would certainly improve student course affordability ratio. We also have provision for students to apply for financial aid in certain scenarios. Another benefit of this model it allows students to give multiple attempts to pass the course which would reduce anxiety and exam pressure helping them to relax and focus on course. This course allows students to complete their course in their own pace

To conclude, we believe this model certainly has lot of potential and it is good step in changing the overall education system and is aimed at making education more flexible

and affordable. At the same time, it also gives more incentive to professors based on their courses rather than receiving flat salary from institute.

Additional graphs to support the new model:



TOP PERFORMING STUDENTS AS PER GPA

