

Team Mumbai Indians

User Experience Design - IS 661 - Final Report

Group members



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1. Team Responsibilities

Module	Done By
Problem and Vision Statement	Sucharita
Stakeholders	Sucharita + Aqsa
Target Demographics	Wilfred + Arjun + Divya
Claim Analysis + List of 20 apps	Arjun + Divya + Aqsa + Wilfred
Personas 1. Arthur King 2. Henry Nicholas 3. Mike Graham 4. Daniel Brown 5. Rose Smith 6. Adalyn Taylor 7. Arya Smith	Sucharita Wilfred Sucharita+Wilfred Sucharita Arjun Divya Aqsa
Problem Scenarios(Written+Storyboard) 1. Arthur King 2. Henry Nicholas 3. Mike Graham 4. Daniel Brown 5. Rose Smith 6. Adalyn Taylor 7. Arya Smith	Sucharita Wilfred Sucharita+Wilfred Sucharita Arjun Divya Aqsa
Activity Scenarios(Written+Storyboard) 1. Arthur King 2. Henry Nicholas 3. Mike Graham 4. Daniel Brown 5. Rose Smith 6. Adalyn Taylor 7. Arya Smith	Sucharita Wilfred Sucharita+Wilfred Sucharita Arjun Divya Aqsa
Information Scenarios	Sucharita+Wilfred+Divya+Arjun
Keypath Scenarios(Axure+Written form)	Wilfred+Sucharita

2. Problem and Vision Statement

Problem Statement:

A problem going unaddressed in the educational institutions of United States of America is the difficulty which a person faces throughout their semester while choosing the subjects or professors to take and also choosing a student/classmate to team up with, in the projects. We find that there is no platform which gives a reliable background and rating of any professor of any university, which can help any student to search for a professor according to his/her requirements. Also there is no platform to get an idea about what a classmate is like before a person can team up with them for a group project during the course of the semester. Similarly, for the professors as well, there is no platform which gives an overall idea about any particular student's strengths and weaknesses, when they might want to recruit someone as their Assistant or for similar ideas.

Vision Statement:

Our solution addresses this problem by helping students and professors find a professor and student in our website and get an overall background and their overall ratings and reviews, keeping the authenticity of the reviews in check. All students and professors having a valid university ID can only signup into the system. A student can search for a professor and see his/her background and the ratings and comments given by other students who have previous experience with the professor. The student can also compare 2 professors on various fields. The student can also view demo lectures of the professor to help him/her understand the professor's teaching pattern and skills. Moreover, a student and a professor can search for a student's profile and view his ratings and reviews by other students and professors. They can also compare 2 students based on various fields. This can help them to choose a teammate or an assistant.

Contributed by: Sucharita Das

3. Stakeholders and Target Demographic

<p>Stakeholder group:</p> <p>Direct</p> <ul style="list-style-type: none"> • Registered Students • Professors • University Administration <p>Indirect</p> <ul style="list-style-type: none"> • Prospective students 	<p>Rate and compare professors Review his and other professors ratings and comments and compare students Review professor and students list and their ratings.</p> <p>Decision of selection of university/course can be affected.</p>
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Stakeholder	Types	Functions
Registered Students	<ul style="list-style-type: none"> • Undergraduate Freshmen • Sophomore • Junior • Senior • Graduate • PHD Student • Exchange student • Transfer student 	<ul style="list-style-type: none"> • Students can take decision to select a course • Students can take decision to select a professor for the course • Rate and comment about their experience with the professor • Rate and comment about other students/teammates according to their experiences.
Professors	<ul style="list-style-type: none"> • Experience – greater than n years • less than n years • Part-time/Full-time 	<ul style="list-style-type: none"> • Can review the student profile who are enrolling in their course • Can review their own ratings and comments • Can rate/review students according to their performance in the class • Upload his own demo lectures/information in his profile
• University Administration	<ul style="list-style-type: none"> • Office of Graduate International(OGI) • Registrar • Student Advisors • Career Advisors 	<ul style="list-style-type: none"> • Students can contact these stakeholders to acquire additional information of professor. • Can report to University Administration.
• Prospective students	<ul style="list-style-type: none"> • Admitted student yet to 	<ul style="list-style-type: none"> • Students can compare and

	<p>decide about the selection of the university</p> <ul style="list-style-type: none"> • Full Time /Part Time 	<p>review different professors which can help them narrow down the selection of their university.</p> <ul style="list-style-type: none"> • Bookmark and list the professors for future reference.
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Contributed by: Sucharita+Aqsa+Wilfred+Divya+Arjun

4. Claim Analysis + List of 20 apps

➤ E-Shopping websites

These website/app helps users to search for their relevant products. They use different matching algorithms to meet user's requirement.

Relevant examples:

1. Ebay
2. Amazon
3. Walmart
4. Best Buy
5. Myntra
6. Letgo
7. Flipkart
8. Snapdeal

Feature 1: Helps a user to buy products.

Users can search for their required products and

- Can buy products otherwise.

Feature 2: Based on review and rating.

Users can search for their required products and

- Review the sellers through this apps/websites based on other users' ratings.
- Rate them according to their own experience with the same.

Feature 3: Sell items as well.

Users can sell their items using this website

Claims for the above e-shopping websites:

Pros:

- Bidding will help users to get desired product/s at comparatively lower rates than usual.
- Reviews/rating would help a user to select the right seller to get the product from.

Cons:

- The user cannot get immediate delivery of the ordered product; takes atleast a day or two for delivery.
- The user is not guaranteed whether he will get the expected genuine product.

Contributed by: Arjun+Divya

1. Ebay

The eBay homepage features a large banner for "Up to 60% Off Puma" with a white and red Puma sneaker. Below the banner, there's a call-to-action button "Save Now →". To the right of the banner, there's a "GET ALL YOUR HOLIDAY SHIPPING DONE IN ONE PLACE." section with a "Get Started Now" button and a "PRIORITY:YOU" logo.

2. AMAZON

The Amazon.in homepage features a purple banner with the text "UP TO 60% OFF popular movies" and several movie posters for "The BFG", "Kapoor & Sons", "Kapoor & Sons", and "Bourne". Below the banner, there are sections for "Popular categories" (Electronics, Amazon Fashion), "India's largest online store" (with badges for "100% ORIGINAL PRODUCTS" and "EASY RETURNS"), and "amazon assistant shop smart online". A "Welcome" section with a "Sign in securely" button is also visible.

3. WALMART

The Walmart.com homepage features a large "EASY GIFTING" banner with the text "Win Christmas with family sleepwear under \$25." Below the banner, there are promotional offers for "Free 2-Day Shipping", "Free Same-Day Pickup", and "Free Grocery Pickup". At the bottom, there's a "Contributed by: Arjun+Divya" note.

Contributed by: Arjun+Divya

4. BEST BUY

The screenshot shows the Best Buy website. At the top, there's a navigation bar with links for 'Free Shipping on Everything', 'Weekly Ad', 'Deal of the Day', 'Credit Cards', 'Gift Cards', 'Gift Ideas & Registry', and a search bar. Below the navigation is a main menu with 'PRODUCTS', 'BRANDS', 'DEALS', and 'SERVICES'. On the right side of the header, there are links for 'Account', 'Shopping History', 'Order Status', and 'Saved Items'. A shopping cart icon is also present. The main content area features a large banner with the text 'GIVE THE LOVE APPLE SALES EVENT' and '3 DAYS TO SAVE BIG ON APPLE FAVORITES'. Below the banner, it says 'Ends Saturday.' and has a 'Shop Now' button. There's also a progress bar indicating the event duration.

5. MYNTRA

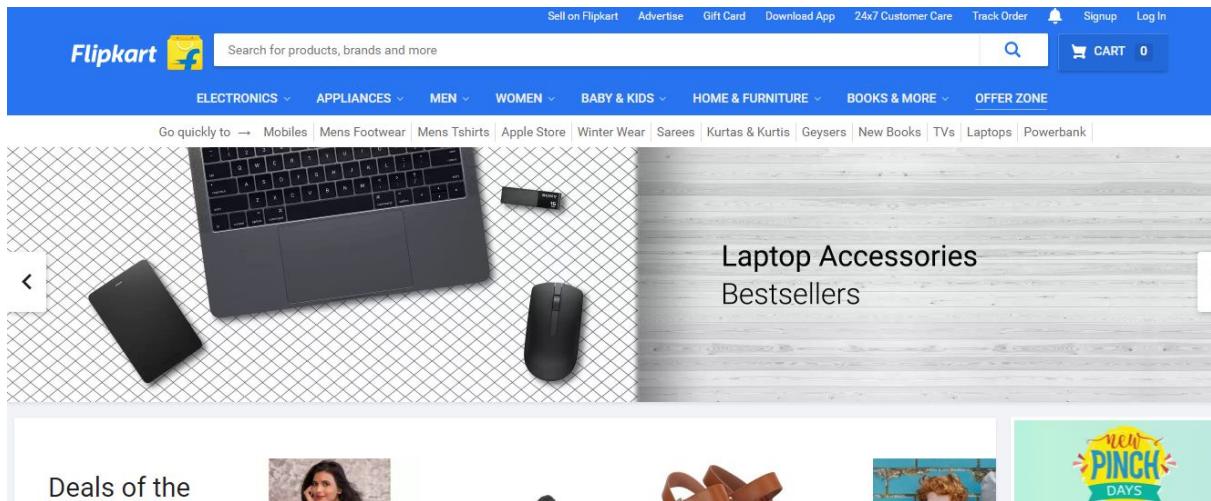
The screenshot shows the Myntra website. At the top, there's a navigation bar with links for 'Men', 'Women', 'Kids', 'Home & Living', and a search bar. Below the navigation is a main menu with 'Gift Cards', 'Track Orders', and 'Contact Us'. The main content area features several promotional banners: 'Half Price Store' (SHOP), 'FW'17 New Arrivals' (EXPLORE), 'Myntra Gift Card' (GIFT NOW), 'You can't go wrong with this' (GIFT NOW), and 'Rs. 1000 Off on First Order' (SIGN UP). Below these banners is a large image of a man and a woman on a motorcycle, with the text 'The Roadster Life Co.' overlaid. The bottom of the screen shows a Windows taskbar with various application icons.

6. LET GO

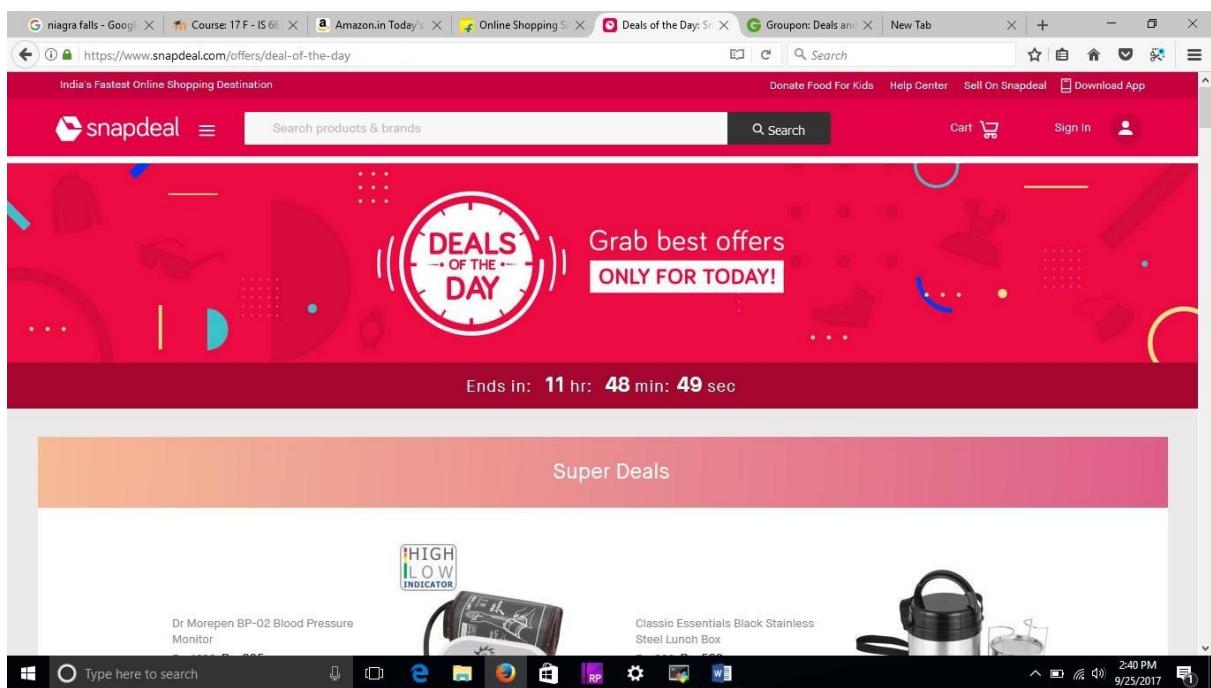
The screenshot shows the Letgo website. At the top, there's a search bar with the placeholder 'What are you looking for?' and a 'Log In' button. Below the search bar is a sidebar with sections for 'LOCATION' (Change Location) and 'CATEGORIES' (Cars, Free Stuff, Electronics, Other Vehicles and Parts, Sports, Leisure and Games, Home and Garden, Movies, Books and Music, Fashion and Accessories, Baby and Child, Other). The main content area displays a grid of items for sale: a Grey Vacuum Cleaner (Newark), a Coffee Table (read Ad) (Brooklyn), a Fear 3 Ps3 Game (Bronx), a Black Jaybird USB To Phone Connector (Brooklyn), a Honda Accord - 2008 (Secaucus), a Black iPhone 7 Set (New York), and a pair of pink sneakers. The bottom of the screen shows a Windows taskbar with various application icons.

Contributed by: Arjun+Divya

7. FLIPKART



8. SNAPDEAL



Contributed by: Arjun+Divya

- Finding Restaurants or Ordering Food through online

These website/app helps users to search for relevant products like restaurants, hotels, nightlife, etc. Users can rate or review any product.

Relevant examples:

- Yelp
- Zomato
- Foodpanda
-

Feature 1: Helps a user to find products at nearby locations.

Users can search for their required items and

- Can get directions to the destination from current location.
- Can Reserve tables in restaurants (eg, in Yelp) beforehand.
- Can see photos and reviews of the place.

The screenshot shows the Yelp profile for Sutro's at The Cliff House. At the top, there's a map with a red pin, the address '1050 Point Lobos Ave, San Francisco, CA 94121', and a phone number '(415) 230-8401'. Below the map are two photos of food: a bowl of soup and a plate of seafood. To the right of the photos is a review snippet: 'Fish is very very over cooked' by Caley G. The page also features a 'Write a Review' button, a 'Reserve Now' button, and sections for 'Hours' (listing times for Monday through Sunday) and 'More business info' (with various service details like 'Takes Reservations Yes'). A 'Recommended Reviews' section at the bottom shows a review from Caleb C. with a 5-star rating and a timestamp of 9/17/2017.

❖ Window that shows the page of any typical restaurant on Yelp

Feature 2: Delivery options available for users

Users can search for their required products and

- Order, pay online and get them delivered to their homes.
- Rate them according to their own experience.

Contributed by: Arjun+Divya+Sucharita+Wilfred+Aqsa



s like a hypnotist symbol or circles." in 2 reviews

ub app on my ipad."

hey all have exceeded my

Order Delivery or Pickup

Pickup
 Enter your delivery address
 1 Yelp St., San Francisco, CA 94105
View Menu

Today 9:30 am - 10:00 pm Open now
Menu ↗

Window for delivery at Yelp

Claims for the above business review websites:

Pros:

- Reviews/rating would help a user to select the right places to visit or order from.
- Delivery allows users to be at ease when products are delivered at their chosen locations.
- Usually saves time of the user.
- Zomato is available in most of the countries

Cons:

- For any new business, the ratings and reviews can be misguiding as people would usually rate extreme experiences.
- Yelp can be used in only few countries.
- Foodpanda can only be used in India

1. YELP



Contributed by: Arjun+Divya+Sucharita+Wilfred+Aqsa

2. ZOMATO

The screenshot shows the Zomato homepage for Newark, New Jersey. At the top, there's a navigation bar with links to various categories like 'Course: 17', 'Amazon.in', 'Online Shop', 'Deals of the Day', 'Groupon', 'Buy and sell', 'Buy Cosmetics', 'Best Buy', and 'Restaurants'. Below the navigation is a search bar with the URL 'https://www.zomato.com/newark-nj'. A red 'zomato' logo is prominently displayed in the center of the page. The main banner features a photograph of various Italian dishes like pizzas and salads. Below the banner, a search bar allows users to search by location ('Newark, New Jer...') or cuisine ('Search for restaurants or cuisines...'). A 'Search' button is located to the right of the search bar. On the left side, there's a section titled 'Collections' with a sub-section 'Explore curated lists of top restaurants, cafes, pubs, and bars in and around Newark, New Jersey, based on trends'. It includes three cards: 'Trending this week' (most popular restaurants in town this week), 'Happy hours' (great deals on booze, happy hours indeed), and 'Kickass burgers' (hamburgers, grilled burgers, veggie burgers, or just a classic cheeseburger). The bottom of the screen shows a Windows taskbar with various icons and the date/time '2:44 PM 9/25/2017'.

3. FOODPANDA

The screenshot shows the Foodpanda homepage for Bangalore. The top navigation bar includes links to 'Course: 17', 'Amazon.in', 'Online Shop', 'Deals of the Day', 'Groupon', 'Buy and sell', 'Buy Cosmetics', 'Best Buy', and 'Zomato'. The main banner features a large image of various Indian dishes. The central text reads 'Order delicious food online!' and 'Order food online from the best restaurants near you'. Below the banner is a search bar with dropdowns for 'Bangalore' and 'Enter an area', and a green 'SHOW RESTAURANTS' button. A 'Live Chat' button is visible on the left. The bottom of the screen shows a Windows taskbar with various icons and the date/time '2:44 PM 9/25/2017'.

Contributed by: Arjun+Divya

- RATE MY PROFESSOR

These website/app helps users to search for their relevant professors/students.

This helps students to gain some knowledge about the experience of the previous students with that professor.

This might help students to compare between his/her fellow class mates and help to choose team mates accordingly.

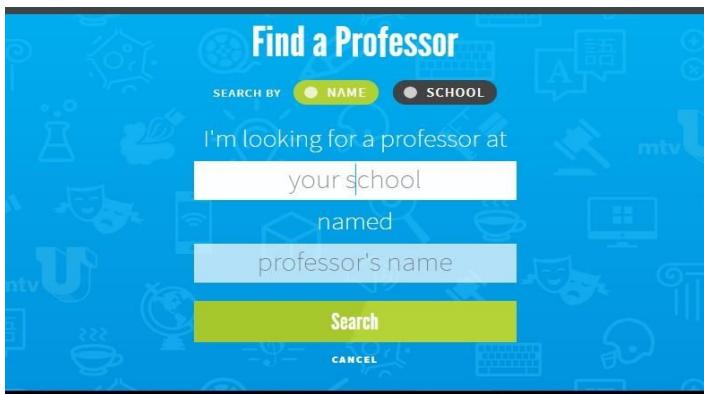
Relevant examples:

- Rate My Professor
- Uloop
- Students Review

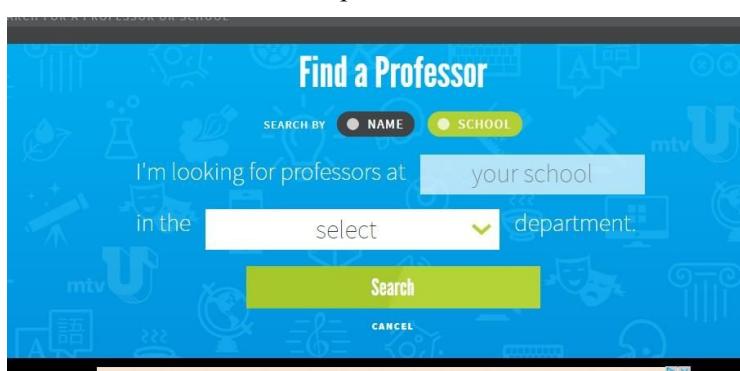
Feature 1: Students can search professors from different universities.

Users can search professors based on the following criteria:

- School name and Professors name



- School name and department name

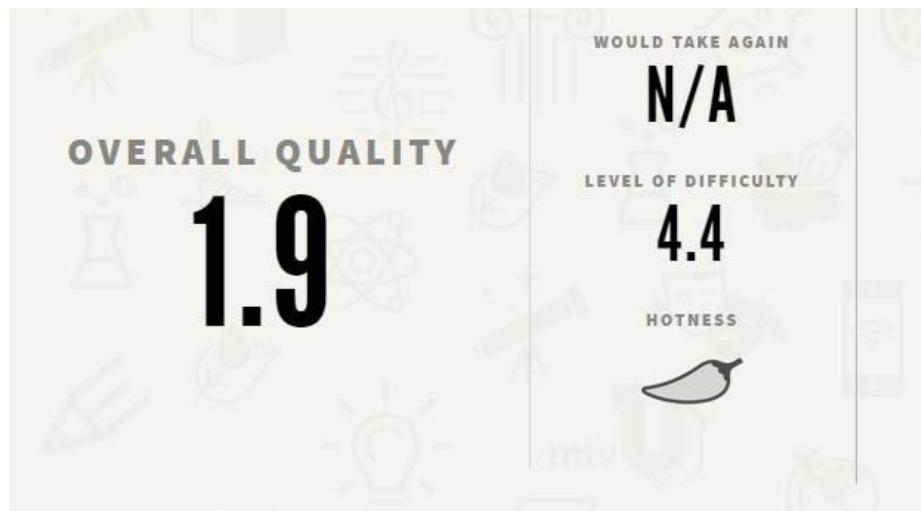


Feature 2: Helps a student to find professors based on rating/reviews.

Users can search for their class professors and

- Can see reviews of other students about that professor.
- Can comment on any review if they agree or disagree.

Contributed by: Arjun+Divya+Sucharita+Wilfred+Aqsa



Rating professors on Rate My Professor

Claims for the above people-rating websites:

Pros:

- Students can decide based on ratings and reviews which professor to study under.
- Has a list of professors from wide list of universities.

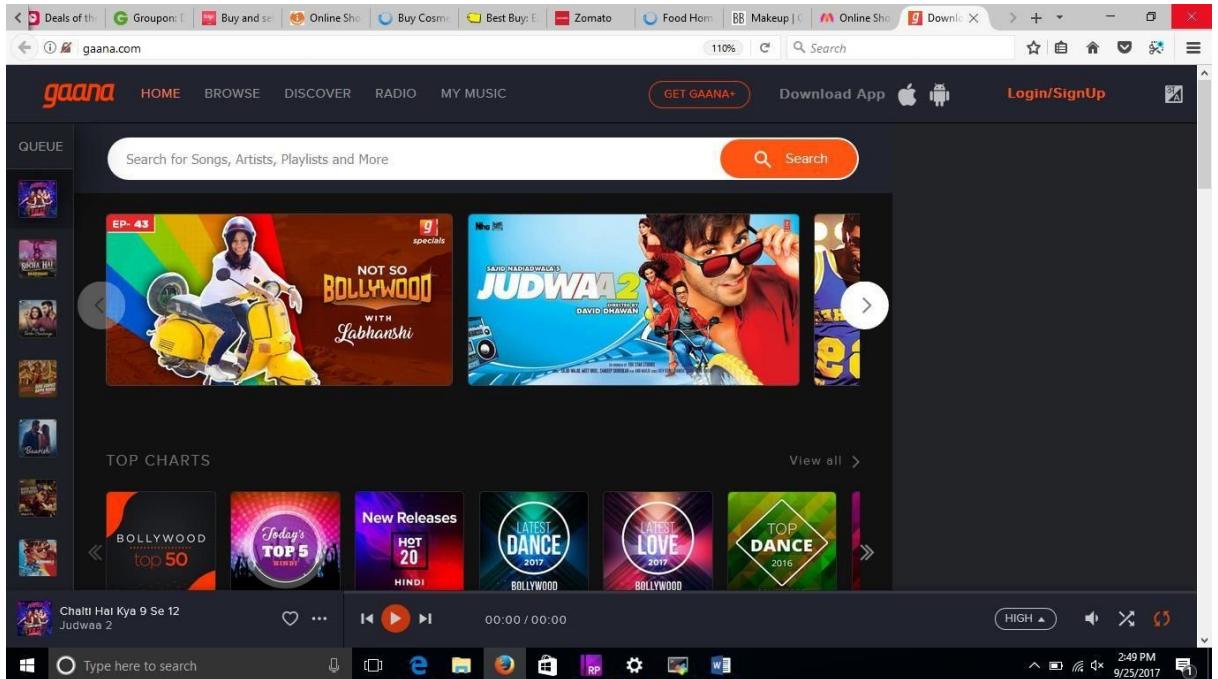
Cons:

- Users cannot review professors who are new as their names are not available in database.
- Does not have authenticity of the users who have rated and reviewed any professor.

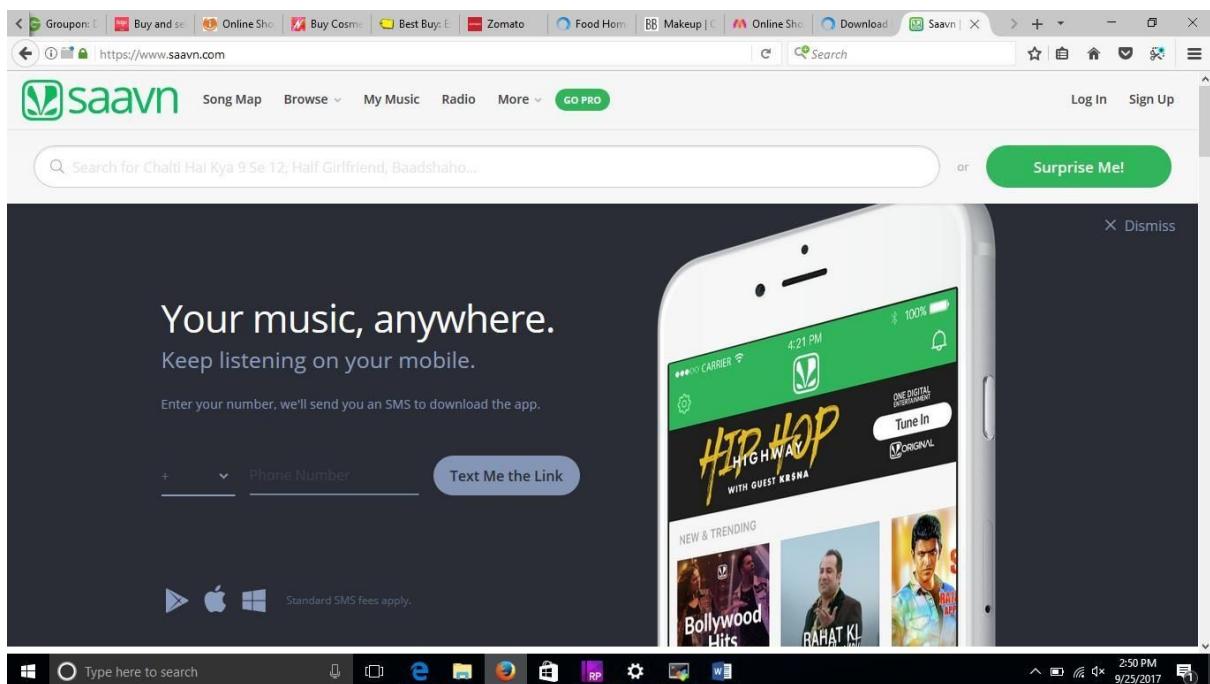
- Download and listen songs app and website

The below mentioned names are the names of website and mobile app that not only allows users to listen to music but also download songs of different category like hindi, English and various other local songs.

1. Gaana.com

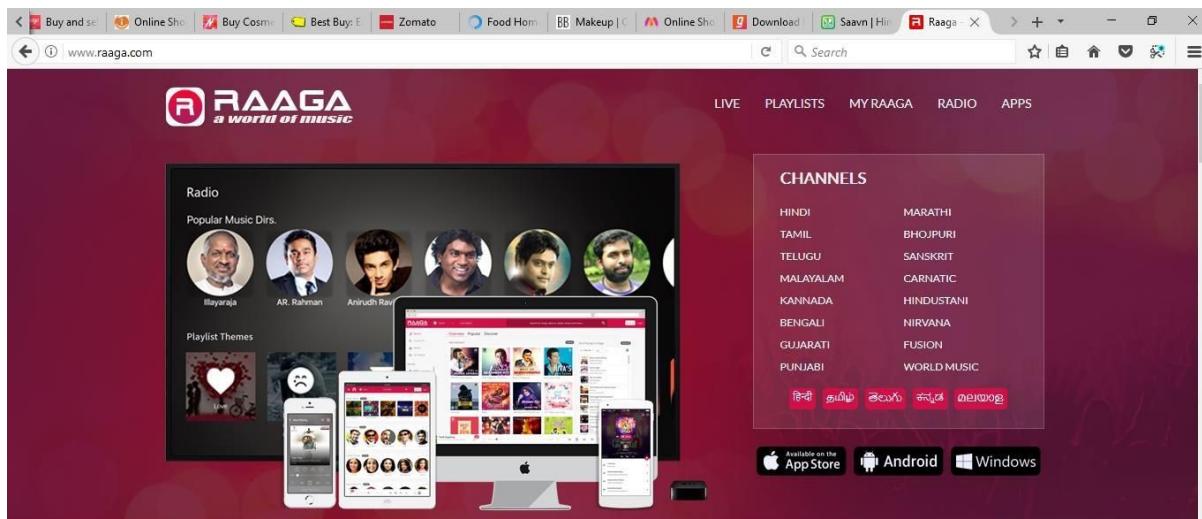


2. SAAVAN



Contributed by: Arjun+Divya

3. RAAGA



Unlimited Music Anytime, Anywhere

Raaga has a huge catalog of songs, from massive hits to rare gems to cult classics, with more added every week. Discover, enjoy, and share the music you love.



Pros:

1. The above mentioned sites enable user to listen music online for free
2. There are various language category of song available hence, it attracts large number of user
3. The app and website allows users to create their own playlist after creating account so user can listen to their favorite song as and when they want

CONS:

1. The site supports ads that can be irritating sometimes
2. Some features are locked and only after paying and taking subscription users can use that features.
3. The main con is that all the above site run on internet so if, the internet connection is weak then there are high chances of song buffering

Contributed by: Arjun+Divya

- To search and book tickets online (ranging from hotels, flight bookings etc.) across various destinations worldwide.

The below mentioned site allows user to buy and book their flight, bus, train tickets online. It also allows user to book hotels.

1.

makemytrip

Book Domestic and International flights

From Newark (EWR) To Minneapolis (MSP) Depart 29 Sep, Fri Return X 1 Passengers Class Economy

Search

Up to Rs.2,000 INSTANT DISCOUNT on DOMESTIC FLIGHTS.
Coupon Code: **2000OFF**
Offer Ending Soon.

Zero Cancellation Charge on Flights
100% Moneyback Guarantee if you cancel your ticket @ Rs.99/- only!

FREE Rs. 1,000 MyWallet Cash Up For Grabs!
Click to Unlock Your Secret Code

New sectors launched with fares starting Rs. 999/-
Mysore - Chennai | Hyderabad - Vizianagar

Discover 217 Special Deals

Discover Hot Deals

2. YATRA

My Account ▾ Support ▾ Special Deals ▾ Recent Search ▾

FLIGHTS HOTELS FLIGHT + HOTEL HOMESTAYS HOLIDAYS ACTIVITIES BUSES TRAINS XPORE

One Way | Round Trip | Multi-city

Select Origin Select Destination Depart Date Return Date 1 Traveller(s), Econo... Search

Non Stop Flights

XPORE Discover Lowest Fares Get up to ₹1,500 Off On Domestic Flights Special Deals On Top Hotel Brands Up to ₹15,000 off On International Flights

Yatra Specials

Contributed by: Arjun+Divya

4. goibibo

The screenshot shows the goibibo.com homepage with a focus on flight bookings. At the top, there's a navigation bar with links for Flights, Hotels, Certified Stays, Bus, Trains, Cars, Flight + Hotels, and more. Below the navigation is a search bar for 'Search'. The main header reads 'Book Domestic & International Flight'. It features fields for 'From: City or Airport' and 'To: City or Airport', and dropdowns for 'Depart' and 'Return' dates, 'Travellers' (1 Traveller(s)), and 'Class' (Economy). There are also buttons for 'CHEAPER TOGETHER', 'Flight + Hotels', and 'Get Set Go'. To the left, there's an advertisement for 'Explore the world of DUBAI'. On the right, there's a promotional banner for 'Awesome First Flight' with a discount of 'UPTO ₹1500 Instant Discount On Domestic Flights'. The bottom of the screen shows the Windows taskbar with various pinned icons.

PROS:

- It saves user time and money as users can buy tickets from their computer or cell phones and can get discounts on flights and hotels
- It also gives users cashback with every booking which could be used by user when they use the above apps again
- It also shows user the review of the hotels they are looking to stay

CONS:

- Sometimes user end up paying more than actual cost
- User has less number of choices
- The images shown in the app about the hotels may not be correct which would annoy users.

Contributed by: Arjun+Divya

- Travelling Apps:

The below mentioned apps is built to pick up and drop users from one location to other of their choice. User can travel to various destination in locality at very low cost

1. UBER

Pickup	Driver	Fare	Car	City
05/14/17	Ravindra	₹232.79	property.display_name.c9b2c32d-64c8-50c7-bbd1-1619b34c1220	Mumbai

2. LYFT



PROS:

- The app mentioned above has very simple user interface and hence people using it for the first time can use it without any help
- The app saves user money as the prices are comparatively low
- Timely discount coupons are provided that can be used by users to get extra discounts in their ride

CONS:

- Sometime user has to wait longer for being picked up from their location
- During peak hours i.e office hours, prices of cab is little high
- There is only 1 minute waiting time is allocated for user after which the driver will go and the user has to book me cab.

Contributed by: Arjun+Divya

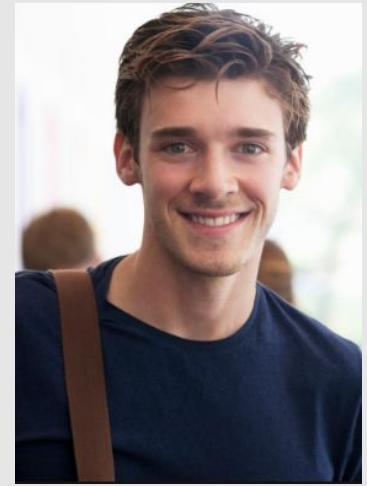
5. Personas

	<p>Name-Arthur King</p>	
<p>Programming is like a video game. Once you are into it, you will never want to go back to not being a programmer.</p>		
<p><u>Background</u> <u>Age - 52</u> <u>Role – Part time professor</u> <u>Field of study = Masters of Science in Information Systems</u> <u>Level of computer expertise – 30 years</u></p>	<p>Main points ✓ He works in a MNC. ✓ Enjoys teaching coding. ✓ He has his own coaching class as well. ✓ Well trained in different languages.</p>	
<p>Goals</p> <ul style="list-style-type: none"> · To earn a lot of money. · He wants to teach a lot of students coding who are afraid of the same. · To fund his son's education. 	<p>Narrative</p> <p>Arthur is a working professional in a Multinational Company. He lives in Manhattan, New York with his wife. They have two sons, among whom, the elder son is settled on his own in a different state of USA. The younger child is still in school and thus requires funding for his dream school, MIT. Arthur is proud of his son and wants him to dream big. Though he works at a good position in the company, the lifestyle requires a lot of money when living at a posh area such as Downtown Manhattan. He is thus interested in earning some extra dollars by teaching part-time at an university. This extra dollars in turn helps him keep a high standard in their living style as well as help him save for the dream school of his son. He has an experience in coding for about 30 years when he first started coding in high school and fell in love with it. He is exasperated to see many young people now don't like coding or are afraid of the same. He wants to show the easy way of achieving this in an easy way. He has thus taken up the job of part-time teaching in coding in different languages, mainly Java and PHP. He has been working for various companies in these fields for last 20+ years. He has also opened a coaching center for young undergraduates and even juniors who are interested in learning the various factors of coding and the high-level languages.</p>	
<p>Frustration and pain points</p> <ul style="list-style-type: none"> · To fund his own lifestyle in the costly city of Manhattan, New York. 		

Contributed by: Sucharita

	Name-Henry Nicholas(Main)	
	I am interested but i am not sure how to go about it.	
	<u>Background</u> <u>Age - 21</u> <u>Role – Undergraduate Student</u> <u>Field of study – Bachelors of Science in Information Technology</u> <u>Level of computer expertise – 4 years</u>	Main points ✓ He enjoys math and coding. ✓ Enjoys playing sports ✓ He considers himself as Tech savvy.
Goals	Narrative	
<ul style="list-style-type: none"> · To complete his majors in Finance · He wants Finance relevant trainings and certifications within one year to improve his profile and skill. · He wants a rewarding, professional position he can be proud of. 	<p>Henry is the eldest sibling in the family. He comes from a small town in Jersey and he hopes that he would work in an urban area. He is an enthusiastic person, filled with energy and runs for an hour every day. Henry lives off campus in an apartment that he shares with two other students. He has a Facebook page and uses other social networking. He has an iPhone, and considers himself tech savvy. Henry loves to play Football. He enjoys biking and hiking and feels there is much more excitement and entertainment in the cities. He is also interested in traveling and studying in other countries. Henry just finished his undergraduate Studies in Information Technology. He enjoys math and coding however his skills are above average. He had considered engineering, but wonders if there might be another field that he could consider as he feels an affinity towards Finance and Politics. He had a good knowledge of Finance because of his Dad as he was a Financial Analyst. Recently, Henry met a Finance major. Upon having a conversation with him, he started getting interest in Finance. He had a basic knowledge of Capital Markets, however he wanted to do majors in such a field that could include his computer skills as well. He is planning to learn more about this program. He realizes that he could use his skill of Finance and coding to best of its ability.</p>	
Frustration and pain points	<ul style="list-style-type: none"> · To fund his Education. · Concerned about finding employment after graduation. 	

Contributed by: Wilfred

	<p>Name-Mike Graham(Main)</p> <p>Gaming has its own peace and game designing is an art.</p>	
	<u>Background</u> <p>Age-25 Role- Graduate Student Field of study- Information Systems Level of computer expertise-2 years experience</p>	Main points He is a shy person, as well as fun loving with his close friends. Wants good grades in MS. Wants to be a Business Analyst after college.
Goals <ul style="list-style-type: none"> To find students for teammates for his graduate course. 	Narrative Mike is a graduate student who has recently registered for his first semester in Information Systems at New Jersey Institute of Technology. He lives at Newport, New Jersey and is a fun loving person, but only with his very close friends. He is the second child to his parents and want to be successful in his life in the world of technology. He has a passion for computer programming and game designing. From his childhood, he is a shy as a person but is very intelligent regarding coding and thus wants to pursue his masters in Information Systems.	
Frustration and pain points <ul style="list-style-type: none"> No website rates students on basis of prior experience, thus making it difficult for Mike to select teammates. 	He is a studious person and hopes to get a good grade in all the semesters and thus wants to be very careful about what he does in class and which professor he takes and also which teammate he chooses. Mike has heard, getting a good grade is not difficult if most of the things are done on time and have a good quality material in the submissions. Most of the submissions and projects are between groups of 4-5 people and Mike being shy, makes it a problem to interact with other people on the very first interaction. Mike wants to make no mistake as getting into the wrong groups and having to regret it later or his grades getting lower due to other people's mistakes.	

Contributed by- Sucharita

	<p>Name-Daniel Brown(Main)</p> <p>Dance is my passion.</p>	
	<u>Background</u> <u>Age - 23</u> <u>Role – Graduate Student</u> <u>Field of study – Information Systems</u> <u>Level of computer expertise – 5 years</u>	<u>Main points</u> ✓ He can Rate/Review Professor's ✓ He can compare between Professor's ✓ He can view demo lectures
Goals <ul style="list-style-type: none"> · To select a course · To select a professor of the course · To select teammates for projects 	Narrative Daniel is the only child of a famous businessman in New Jersey. He can afford a very costly university, but he choose the New Jersey Institute of Technology for the reputation it has in Information Systems course of the Graduate Studies. Therefore he chooses Master of Science in Information Systems and enrolls himself in the first semester. The next problem that he faces is during registration of the courses. He has to select his subjects and the respective professors. Daniel wants easy grades as he won't be able to dedicate much of his time in his studies. He works part-time at his father's store. Now he is confused between 2 professors teaching the same subject/class in that semester. He has heard good feedback about both the professors from his peers/mentors. So he checks online for the rating but both of them have similar ratings and reviews do not include if any of the professor is strict or easy grader. Both also have similar professional background and experience. Therefore selecting one of them is a very difficult task as both are highly recommended by his seniors too.	
Frustration and pain points <ul style="list-style-type: none"> · To differentiate between professors having same rating · Non-accuracy of rating may end him up at selecting wrong professor 		

Contributed by: Aqsa+Sucharita

	<p>Name-Adalyn Taylor</p>
	<p>FUTURE ENTREPRENEUR</p>
<p><u>Background</u> <u>Age - 26</u> <u>Role -Graduate Student</u> <u>Field of study – Masters in Information Technology</u> <u>Level of computer expertise – 5 years</u></p>	<p>Main points</p> <ul style="list-style-type: none"> ✓ She enjoys coding. ✓ She is fitness freak ✓ She considers herself as future data analyst
<p>Goals</p>	<p>Narrative</p>
<ul style="list-style-type: none"> · To achieve her master's degree in Information Systems · She wants to become a Data Analyst · She wants to start her own software company in future · She wants to become rich 	<p>Adalyn Taylor is the eldest sibling in her family. She is a very serious person and knows her responsibility well and being the elder sibling, she has even more pressure of earning well and help others in her family. She is very punctual and equal priority to health. She was very bright student and is always eager to learn more and gain more knowledge. She has done her done her undergrad in Computer science. She felt that she also needs to achieve master's degree to achieve her goals. She also ensures that she reads whatever being taught on the same day and marks her doubts so that she is well prepared before something new is taught. She has recently got an internship in amazon as data manager. Doing internship, she became familiar how important teamwork is and the areas she needs to improve to get a good desired job. Apart from studies she was like to travel and visit different counties. She also does community service by helping a NGO.</p>
<p>Frustration and pain points</p>	<ul style="list-style-type: none"> · She has to take education loan to complete her master's degree · Concerned about getting internship and job in her dream company

Contributed by: Divya

	<p>Name-Arya Smith</p> <p>A computer program does what you tell it to do, not what you want it to do.</p>	
	<u>Background</u> <u>Age - 34</u> <u>Role – Part time Professor in Graduate School</u> <u>Field of study – Computer Science</u> <u>Level of computer expertise – 14 years</u>	<u>Main points</u> ✓ Enjoys teaching Students and counselling them ✓ Enjoys learning new technology ✓ Actively involved in research work
Goals <ul style="list-style-type: none"> Wish to become a full time employee in graduate school. To help students to understand and encourage them to learn programming. 	Narrative Arya is a part time professor in a Graduate school. She lives near the school with her husband and two kids. Besides from being a professor she is also a part time developer, but now she wishes to pursue teaching as her full time profession. She completed her school from a small town in California and later moved to Chicago to pursue her higher education, where she was introduced to programming. She learned to code in various languages and later became a expert in that field. She was working as a developer but since childhood she was inclined towards teaching and spreading knowledge to all, this led her to become a professor in a graduate school. Being a developer she was very happy and satisfied, but this also comes with great responsibility, she also has to take care of her kids and the house. Her husband usually travel overseas for work, so she is the one who has most of the responsibility. Moreover she always admired her teachers who introduced her to the passionate world of coding. She believes that if her teachers had not helped her enough she would never have tried for programming. A teacher is the best guide to the student, she wants to help young student to learn programming and she also loves to guide and counsel kids to take up right decision in life. Being a full time professor would help her to share her knowledge with the kids and this would also allow her to give time to her own family.	
Frustration and pain points <ul style="list-style-type: none"> Handling the responsibility of being a developer and taking care of kids. Concerned about being appointed as full time employ in the graduate school. 		

Contributed by: Aqsa

	Name-Rose
	“ WHERE CODING IS LIFE “
<u>Background</u> Age-21 Role- Grad Student Field of study- Information Systems Level of computer expertise- No experience	Main points She can Rate/Review Professors. She can compare between various Professors. She can view demo lectures
Goals <ul style="list-style-type: none"> To select an appropriate course. To select a professor of the course who can help her gain practical knowledge and its application in day to day world. 	Narrative <p>Rose is a grad student admitted to a University in the US. She aspires to become a software engineer in a multinational giant. To achieve her dream she needs to have a firm hold on programming languages. Because of her lack of professional work experience she is unable to select a professor in particular as the reviews are a bit technical to her. To add to her concern inappropriate rating will not help her either.</p>
Frustration and pain points <ul style="list-style-type: none"> To differentiate between professors having same rating Technical reviews would not be useful to her because of her lack of prior experience. 	<p>Her main aim is to select a professor of the course who can help her gain practical knowledge and its application in day to day world. As knowledge about a course without knowing its practical implementations is futile. The main aspect that frustrates her is the selection of two professors who are rated equally well. Even if the ratings are pleasing to the eyes, whether they are genuine or not is a question. Another aspect of concern for Rose was that being a shy person, she wanted a professor who wasn't strict on presentations. But because she was just admitted to the university, she did not know her seniors well whom she could take help of. The selection of professor as well as courses is to take place the next day.</p> <p>Being in a perplexed situation, she becomes impatient as time is running out for her. This was an important phase in her life, as this decision would decide the outcome of her life.</p>

Contributed by: Arjun

6. Problem Scenarios (Written + Storyboard)

Henry Nicholas



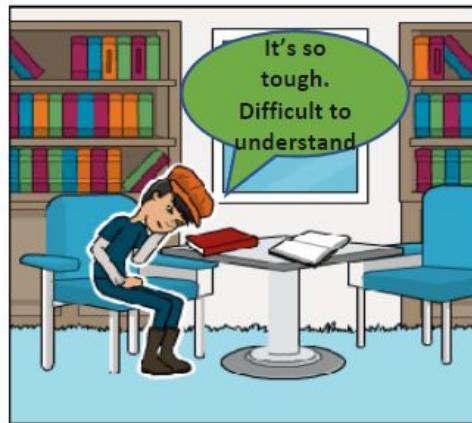
Henry Nicholas, a pass out student pursued his undergraduate studies in Information Technology from New Jersey Institute of Technology. His father is a financial analyst in a reputed firm and he hopes that he would too work in an urban area like his father. Henry enjoys math and coding however his skills are above average. His interests were more in the field of Finance, moreover he was finding the subjects and courses that he took as part of his curriculum more challenging which led to hatred towards what he was currently studying. Henry started attending seminars and workshops that increased his knowledge in the field of Finance. With the knowledge and interest, he was gaining in the field of Finance he wanted to study further in the related field. So, he started to hunt for universities online that would offer such courses. He wanted a university that would help him enhance his skills that he learned in undergraduate like math and coding and use these skill in the finance domain. Henry got admission in Stevens Institute of Technology which offered courses for financial engineering. He wanted to select such a professor and course that would help him enhance his knowledge in finance. Henry also wanted to do research work under some professor. He wanted to find such a professor that had a good research background. The problem he had was that for a course in a semester he had an option to choose between two professors that had good research background. So, he started comparing the profile of both the professors online. However, upon browsing the Rate My Professor site he was unable to come to any conclusion as the comments, reviews about the professors were not genuine. The details that were present was not conclusive for a comparison between both the professor. He didn't find any websites that would give a good amount of information.

Contributed by: Wilfred

Storyboard



This is Henry Nicholas, a pass out undergraduate student who was pursuing his undergraduate in Information Technology from NJIT



Henry was getting frustrated as his courses were getting tougher and challenging.



Henry attended the seminar and he started gaining interest towards finance



Henry got admission in Stevens and wants to select such a professor and course for the semester



The problem he had was that for a course in a semester he had an option to choose between two professors that had good research background. He had to choose one



Henry is unable to compare between two professors. Also, Henry didn't find the ratings, reviews genuine as well

Contributed by: Wilfred

Mike Graham



Mike is a very talented graduate student who has registered in Information Systems at New Jersey Institute of Technology. He has registered for the class User Experience Design, which is a core subject for the Information Systems graduates and has to be taken in the first semester itself. As he is a shy person, he does not make friends easily and it takes time for him to judge people about how they might end up to be. On the first day of class in UXD, the professor asked them to make groups and let him know the group names and team members within a week. Most of the people does not seem to know each other a lot. So everyone is confused about whom to take a teammate. Mike being specially shy, has no idea of what to do.

Mike has heard from his very close friend/senior , that the project works mostly contain groups and getting into a wrong group can be a problem for individual grades as well. So he is concerned about not getting a student as a teammate who might not be very serious about the job. Mike is a very studious person and has always maintained his grades in school and undergraduate school as well. He aims to do the same. He tried to find any site online , which might help him to get to know the students and their choices. Unfortunately, he could not find any such website which was rating any students. There was a professor rating system but no student rating system.

He is confused about what he should do now, as he has to make a group of 4-5 people within a week and now it seems he is left with no choice than to just randomly pick any 3-4 people and make a group with them. Mike hopes he doesn't regret his decision later.

Contributed by- Sucharita

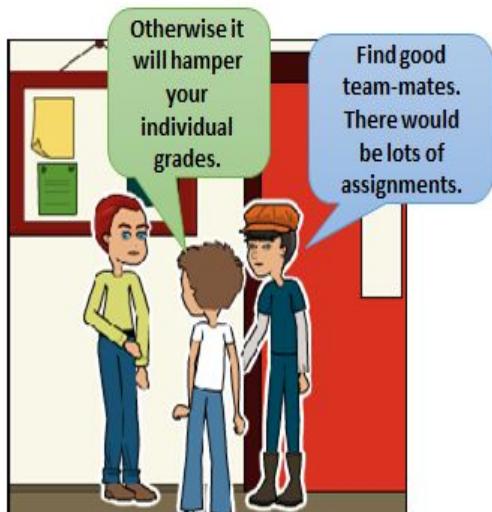
Storyboard



This is Mike



Professor tells the students to form a group of five



Mike takes advice from his seniors



Mike enquires with his seniors as to how they find their teammates



Mike browses over the internet to check the ratings and reviews of his team-mates



Mike didn't find any information over the internet

Contributed by: Wilfred

Arthur King



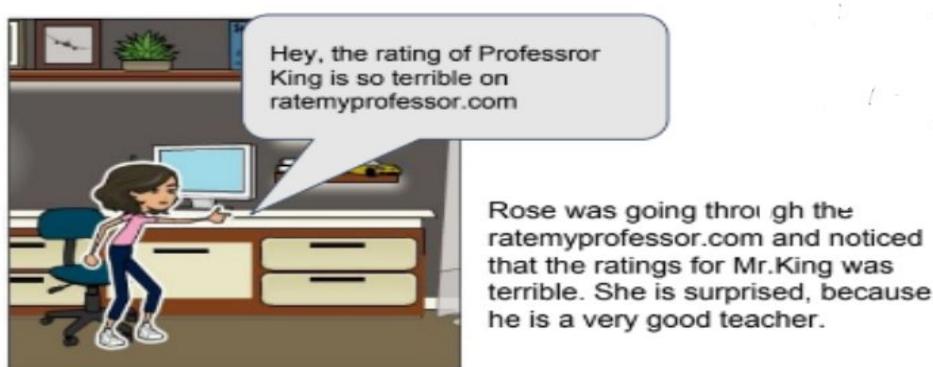
Arthur works at NJIT as a part time professor and he teaches Coding in Java and PHP. He also has a coaching center at home where he teaches coding to anyone who is interested. As he is not a full time professor, and works in a MNC at NYC, he is not very interested in what his students think about him and this profession is just a way for him to earn some extra dollars. He is not a person who would take a look at his profile in any rating system frequently.

One day, one of his students, Rose Smith comes to his class and informs him that when she was going through the RateMyProfessor website, she noticed, that there were multiple ratings and reviews from anonymous people claiming that Arthur is not a good professor and writing fake things about him.

Arthur immediately opened his profile in the RateMyProfessor website and went on through the reviews. These multiple fake ratings has made his rating look very low, even though most of the genuine reviews very quite good and informative. He realised, this might be work of people who are not from the school and with whom he might have a competition at work.

As anybody can rate and review any professor in the RateMyProfessor application, the authenticity of the reviews are not considered when somebody posts a rating/review. He wishes there was a system which would authenticate students before anybody can post a rating. That way, the overall ratings will be genuine.

Storyboard



Contributed by: Sucharita



She informs Mr. King about the same in her next class. He is surprised too, as he does not frequently check his profile in the website.



As he drives back home, he thinks who would do this to his profile, given that almost every student likes the way he teaches in class.



He goes through all the ratings and reviews and has a feeling that the ratings are fake. He wishes there was a system to authenticate people who posted into the website.

Contributed by: Sucharita

Daniel Brown



Daniel Brown is a pass out student from High school. He lives in New Jersey with his parents. His parents have suggested him to join a Technology school in New Jersey. But Daniel has a passion for Dance since childhood. He has learnt many dance forms of dance like Hip-Hop, Jazz, Contemporary, Salsa but his favorite style is Jazz style. Daniel wants to make his career in Dancing profession but his parents are against it and they believe it is important for Daniel to get a degree in engineering for a bright and secured future. Daniel tried too hard to explain his parents but he never succeeded in convincing them. Therefore, he decided to join a Tech school that is New Jersey Institute of Technology and focus on his dance passion side simultaneously. Daniel joined NJIT and now is registering for courses when he realized that for one of the core subjects all slots were filled except for one professor. He checked the reviews and comments of the professor of that subject and he got to know that this professor was excellent in the subject he taught but was very strict with the class and his classes involved being very interactive with lots of projects, assignments and mostly group work. Daniel wanted a professor who was easy going and did not give too much of assignments so that he could dedicate most of his time to his dance practice and learn new dance forms and would have to study very less and still manage a good grade. Daniel is a very shy person who does not talk much to his peers and most of the time is alone and engrossed in his rehearsals. For him doing group Assignment is not a easy task and he does not likes to talk to anyone. Daniel did his research online and found a professor that meets his needs but unfortunately the slots of that professor are filled. Now Daniel needs to speak with the undergraduate advisor of NJIT and hopes to find a solution to his problem as soon as possible.

Storyboard



This is Daniel. He is a high-school pass-out. He loves to dance as his passion. He is thinking of pursuing his career in dance.

He talks to his parents about his interest in dance, but they want him to study technology for a secure future. So he decides to join NJIT as an undergraduate.

Contributed by: Sucharita



Only Mr. Smith is available for my core subject. Lets check his rating on ratemyprofessor.com

He searches for different course and their professors that he can register for his first semester. He comes across an available professor for a core subject that he has to take. He checks ratemyprofessor.com and realizes that the professor is strict in grading.



He has to decide if he wants to take the course under that professor, as he has to give a lot of time and importance to his music/dance passion as well. So Daniel is unsure about what to do next.



He asks some of his seniors about the professor and gains the idea that taking that subject under that professor might not be a good idea for him, as he wants easy grades without much involvement.



Sir, I have a problem with my course. Could you please help me?

Next he has to go to the graduate advisor and try to solve his problem. He wants a different professor who is not available. So he hopes that the advisor would be able to make a correct decision.

Rose Smith



Rose is a grad student admitted to a University in the US. She aspires to become a software engineer in a multinational giant. To achieve her dream she needs to have a firm hold on programming languages. Because of her lack of professional work experience she is unable to select a professor in particular as the reviews are a bit technical to her. To add to her concern inappropriate rating will not help her either.

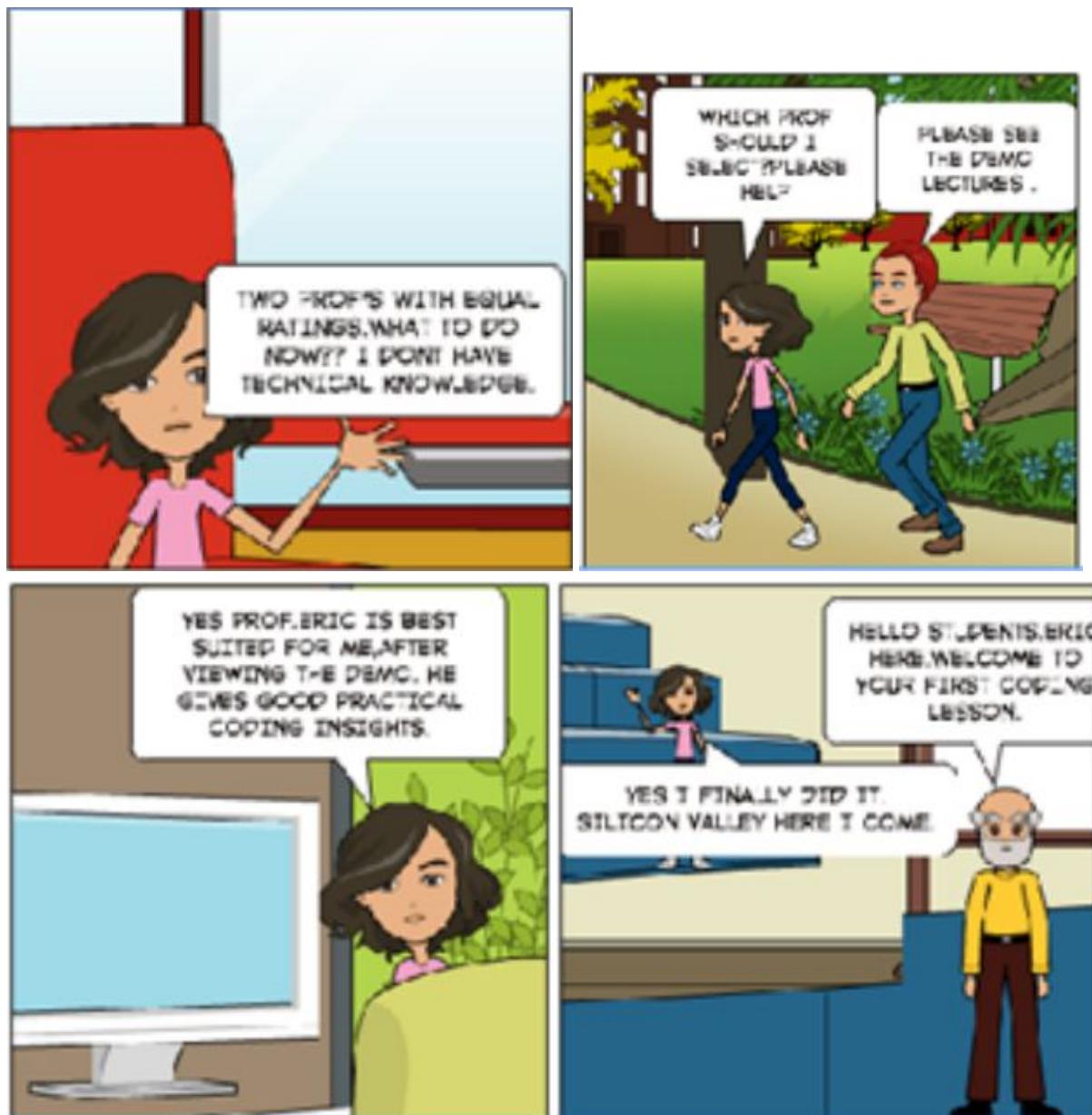
Her main aim is to select a professor of the course who can help her gain practical knowledge and its application in day to day world. As knowledge about a course without knowing its practical implementations is futile. The main aspect that frustrates her is the selection of two professors who are rated equally well. Even if the ratings are pleasing to the eyes, whether they are genuine or not is a question. Another aspect of concern for Rose was that being a shy person, she wanted a professor who wasn't strict on presentations. But because she was just admitted to the university, she did not know her seniors well whom she could take help of. The selection of professor as well as courses is to take place the next day.

Being in a perplexed situation, she becomes impatient as time is running out for her

Storyboard



Contributed by: Arjun



Contributed by: Arjun

Arya Smith



Arya is a mother of two kids and lives in Newark with her family. She is a very independent woman who has been living on her own since she was 16. She completed her Graduation in Computer Science and her main field of interest is Programming. She has been coding since last 15 years. She knows almost all Programming languages and is an expert in each. After her graduation she worked full time as a Web Developer and has worked on many projects ever since.

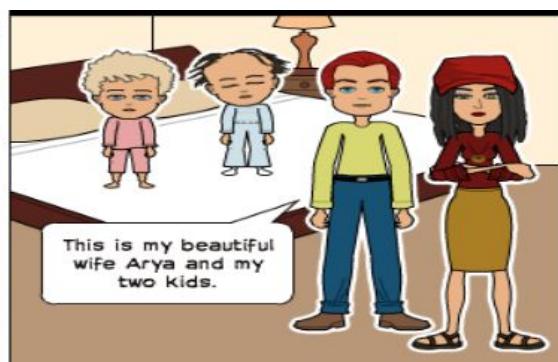
Arya is now a mother of two kids and her husband is a businessman who usually travels the world for his business, so he is very rarely at home with them. Arya since her childhood days wanted to be a teacher , she had decided that after her graduation she would take teaching as her professional career but she later accepted the position of Web Developer due to the passion she had for Programming. The job of a Developer is tough, you need to devote a lot of time and efforts to every project and is a very stressful job. She was offered the position of a part time graduate professor in NJIT and she took it up and now she is really liking the teaching part as she feels that now she can complete her dream of being a Professor though she misses working on Programs and meeting deadlines but she also feels that this teaching job gives her time to focus on her family as well. Her husband being travelling for most of the time leads to more responsibility of the kids to her which now she can fulfill easily. She is now offered the position of a full-time professor in NJIT due to her skills and hard work.

Now Arya is confused as to what should she continue as her full time career, Programming where her passion lies or being a professor and devoting more time to family?

Storyboard



This is Arya Smith. She has been working as a web developer since a long time



This is my beautiful wife Arya and my two kids.

Contributed by: Aqsa



Now she is working as a part time professor at NJIT.



Arya likes being a professor as she now can devote more time to her family and take care of them as her husband keeps travelling for work.



NJIT has offered Arya a full time position. This will enable her to give more time to her kids.



Now Arya is confused if she should take the teaching profession as her Full time job.

Adalyn Taylor



Adalyn Taylor is a graduate student in NJIT. She is a fresher and has 4 years of experience in software company. She has a goal to become an entrepreneur and start her own software company in future. She wants to increase her technical knowledge so that she can fulfill her desired goal of becoming an entrepreneur.

Her main problem is selection of professor for her course and her group member who could help her in her project and have experience or desired set of skills. Being a fresher, she is unaware of what professor to select and who to select as her group members. She asks her senior for help. Her senior suggests her a website where she can not only search professors available for her desired course but can also select her group member easily. In addition, she can also view demo lectures of professors to get some idea about professors teaching skills.

Taking her friends advice, she visits suggested website and can see what all professor are available to teach her the course she intends to take. She checks their rating, teaching experience, comments and demo lecture to select her professor for the courses she intends to take. She can also easily select her teammates using this website.

Finally, before her course starts, she has selected her professor and group members with whom she wants to do a project.

Storyboard



Contributed by: Divya



Contributed by: Divya

7. Activity Scenarios (Written + Storyboard)

Henry Nicholas (Best case)



It was late in the evening and the registration for the courses was about to start early morning the next day. However, Henry who was yet to finalize his final list of courses and was confused as to which professor he should take for this semester. Having browsed the Rate My Professor, he was unable to come to any conclusion as the comments, reviews about the professors were not genuine and trustworthy. Henry then called one of his friends who was his senior in the university and suggested him a Website that would give him detailed information about the professors of his choice. The Website's name was called "University Rating", henry started using this Website and signed up with his college id for the same. The Website included all the details of professors and students. The main functionality of the Website was to Find Professors, Universities and review the ratings of the same from a list of professors. Also, the Website contains the detailed comparison of Professors which will help Henry decide which professor he would take for this semester. To find the professors of his choice, Henry typed the professor's name and filtered based on the department and clicked on the Find a Professor button. A page opens with detailed information about the professor. Henry then tries to use the Compare functionality by selecting the two professors and clicking on the compare button. A new window was displayed with details of both the professors of his choice. The comparison was made based on the following points Department, Qualification, Areas of Specialization, Research Papers, Interest, Awards and honors, Grading Policy, Number of assignments, Teaching ability, Study Materials and Ratings in stars (out of 5) given by students. The Website displayed the average ratings, so the comparison was made based on at least 10 ratings made by the students. In addition to the comparison of professors, Henry was also happy that he could view a demo lecture of each professor. The Ratings, Reviews and comments that are posted on the Website are posted only by the students who had previously taken that professors classes. The Ratings were out of 5 stars given by the students. Looking at this authenticity henry was pleased with the reviews and comments that were posted on the Website, that helped him choose the professor. Henry started feeling hopeful that he could now be confident and register for the courses for this semester. He was also confident that he could do research work with a professor of his choice.

Contributed by: Wilfred



The registration for the courses was about to start early morning the next day



Henry was frustrated as he was unable to find information for those two professors



Henry checks with his senior, if he was aware of any Website/app, where he could find info about professors.



Henry started browsing the Website suggested by his senior.



Henry was pleased with the Website as the Website helped him to compare, review the ratings and watch the demo lecture of the professor



Henry thanks his senior and enquires about the authenticity of the Website

Contributed by: Wilfred

Daniel Brown(Worst case)

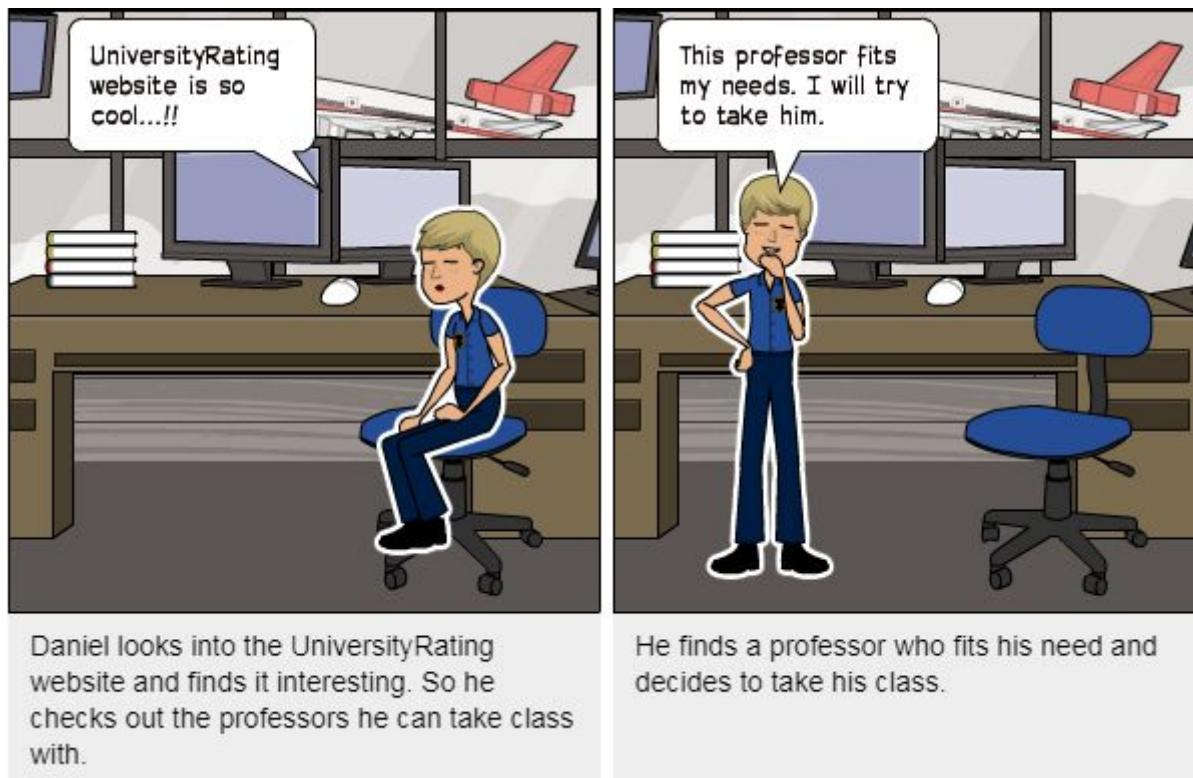


Daniel is a undergraduate student whose main passion lies in dancing but due to his parents he decides to join NJIT and also continue his passion for dance simultaneously. Daniel joined NJIT and now is registering for courses. He has to choose a professor for his core subject and comes across 2 professors teaching the same subject. He checked the reviews and comments of both the professors using the “ University Rating ” website, which was most popularly used by students for its authenticity and its features. Daniel wanted a professor who would be easy going and would not give too much of assignments so that he could dedicate most of his time to his dance practice and learn new dance forms and would have to study very less and still manage a good grade. So he uses the comparison feature of the application and compare the two professors. When he clicks on the compare button, a new window was displayed with details of both the professors. The comparison was made based on the many points including: Department, Qualification, Areas of Specialization, Research Papers, Interest, Awards and honors, Grading Policy, Number of assignments, Teaching ability, Study Materials and Ratings in stars (out of 5) given by students. He finds a professor who fits his need, that is someone, who is an easy grader and does not give lot of assignments, according to the students' comments in the application. But to his dismay, when he tried to register for the course with that professor, all the slots were already filled. He was left with his option of the other professor. But when Daniel goes through his profile and comments of students, he finds that the reviews and comments were mixed for this professor. Some students wrote highly remarkable reviews about the professor and some students wrote very bad reviews which confused him. Some reviews mentioned that the professor was very strict and did give a lot of group assignments and activities which would give Daniel very less time for his dance practice and some reviews said that the professor was easy going and a lenient grader. Daniel knew that only students who have taken this course already can post comment or review about the professor, this was the specialty of this application, but seeing so many mixed reviews confused Daniel a lot as to what he should do now. So he decided to talk to his peers and seniors who had already taken that subject and later got to know that the Professor is a bit strict about time and deliverables and the students had to do few assignments for him but he teaches well and is a fair grader. He learnt that many students posted wrong reviews on the online application as a result of personal issues with the professors just to misguide students. Now Daniel did his research online and got very confused, therefore decides to speak with the undergraduate advisor of NJIT. He comes across another feature on the app, where he can email his advisor through the app. He emails his advisor about his problem and if he could take the professor whose classes were already filled and also asking for advice if taking the supposedly-strict professor would be a problem for him during the course of the semester. He hopes to find a solution to his problem as soon as possible. As everybody knows, that the key feature of this application is to maintain Authenticity by allowing only those students to rate and comment for a professor who have a valid College Id and have attended the professor's class previously, this allows only genuine students to comment. But sometimes genuine students can also write negative comments that can misguide students about a very good professor. It

is not on the control of the application of what a student comments about any professor. But to solve this problem, the University administration can reach out to the “University Rating” website administration with proper proof of why any comment is misleading. The comment can then be deleted from the professor’s profile, but valid proof and reason has to be provided.

Contributed by: Sucharita

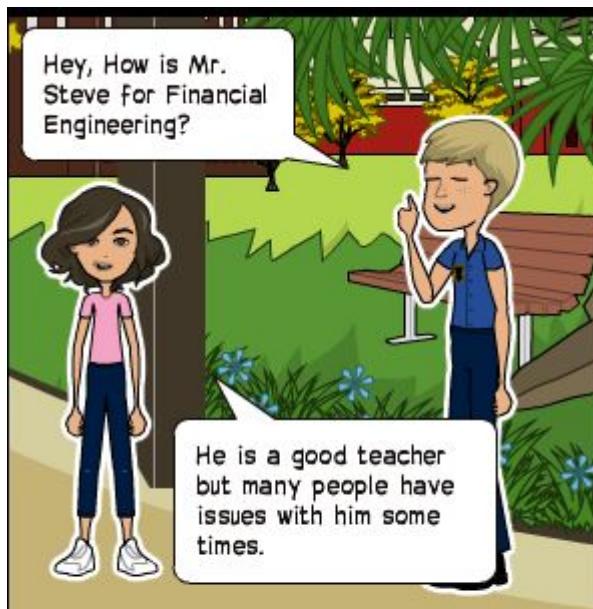
Storyboard





To his dismay, the class was already full. He looks to compare the other professor taking the same class with his preferred professor.

He goes to the profile of the other professor and finds the ratings and reviews given by students were mixed. Some said very positive things, some said very negative.

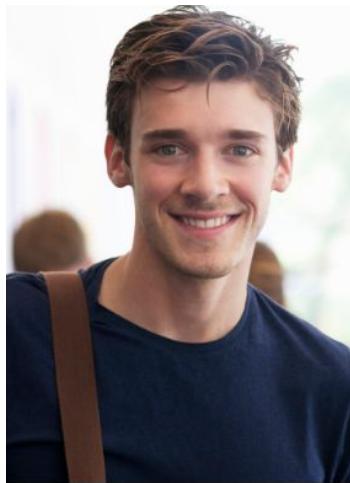


He asks his senior and gets to know that Mr. Steve is a fair grader and a good professor, but sometime people have some issues and rate his badly in the website.

He is confused and decides to talk to the Academic Advisor for help.

Contributed by: Sucharita

Mike Graham



On the first day of class in UXD, the professor asked Mike and his classmates to make groups and let him know the group names and team members within a week. Most of the people does not seem to know each other a lot. So everyone is confused about whom to take a teammate. Mike being specially shy, has no idea of what to do. He has heard that making groups are important for every project in almost all the subjects. He decides to ask his close friend/senior about this situation.

His friend suggested him to use the University Rating website which is most famously used by students and professors around the State to get to know any professor or student before selecting them. Mike started using the website and he had to sign up into the website with his college id. This made his realise that the website is authentic and hopefully the ratings and reviews will be genuine, unlike other rating applications. He could find two options as find a professor and finding students. Mike goes into the students workflow and he could search for any student from multiple universities by selecting the university name and student names from different dropdowns. He found that the student profile had an overall background of the student as well as an overall rating(out of 5 stars). He could find a table of different reviews and comments and ratings for that student by other different users (both students and professors). There were easier tags attached to each rating that made it easier for any person to have a overview about the student. There was a Compare button, by clicking which he could compare two students based on different attributes like overall profile and work experience(if any) and also traits like punctuality, seriousness and also overall rating. These were ratings based on the ratings provided by different students and professors on this website for that student.

Mike browsed through the website and search all the students participating in his class and got to know the overall rating and comments about them by other students or professors. This helped him to know which student to make team with and whom to not.

Contributed by- Sucharita

Storyboard



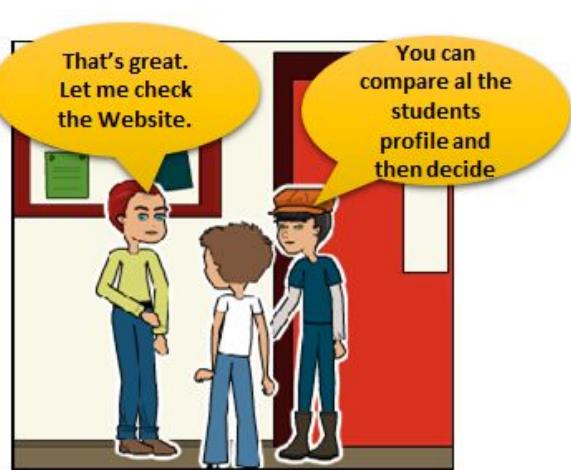
Mike was confused, if he was going to select the right team-mates



Mike's friend suggests him University Rating Website



His friend highlights the features of University Rating Website



University Rating Website can also compare multiple student profile



Mike browses over the internet to check the ratings and reviews of his team-mates



Mike find his team-mates

Contributed by: Wilfred

Arthur King



Arthur is a part time professor at NJIT and does not worry much about his rating online. But just as nobody really wants a bad profile online, he ensures that his students are happy with his teachings. He does not frequently check his profile on the ratemyprofessor.com website. One day, when his student Rose informed him that his ratings and few reviews are not appropriate to what she thinks should be, he immediately opens up the website and checks through all the reviews.

Users are anonymous on the site and that too, for good reason. But this time, he faces problem with identifying if the ratings are genuinely given by his students or not. He realises that anyone can post rating/reviews on this site. So he wonders if these ratings are given by people at work, those who jealous of his success and have competition with him at the MNC he is working in. This could be a case, but at this point of time, he has no way identifying anyone or the problem and has no solution of how to deal with this.

After a few days of information gathering, he then comes across another new application doing the similar kind of ratings and reviews for professors, and additionally for students as well. This site would have authentication of the students rating a professor, such as their college ID number and verifying if the student has actually taken a class with any particular professor before they are allowed to post on the site for that professor. This site is already being hosted through NJIT site, but because it is new, not much people have used it. He asks the administration of NJIT to start making the site famous, as it would definitely help almost all professors and the university reputation as well with the genuine feedback. This application can be used by multiple colleges and their students, who value in authentic ratings and thus this application might be a better choice over the ratemyprofessor.com website.

Contributed by: Sucharita

Storyboard



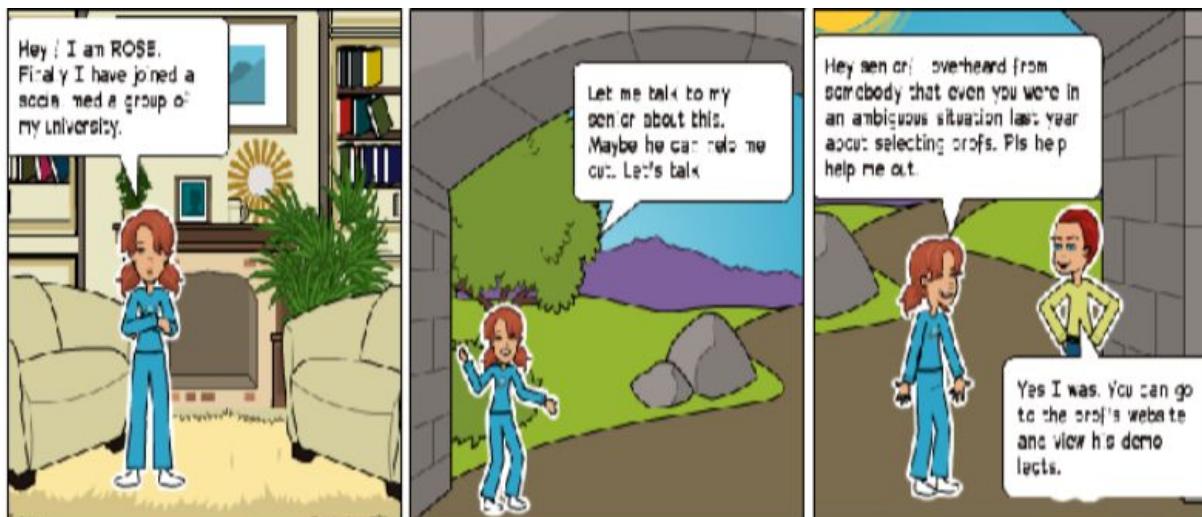
Contributed by: Sucharita

Rose Smith



By the end of the day, she finally manages to join a social media group of her university. Rose takes help of her seniors. She then manages to contact one of her senior who was also in an ambiguous situation a year ago. The seniors suggest her to go to the professor's website and view the uploaded demo lectures. This comes as a sigh of relief for Rose. She immediately checks the course name and the professor associated with it. Having the name of the professor helps her go the professor's website for more insights. She then goes through the demo lectures that are uploaded in the professor's site. By doing so she gets familiar with the methodology and the way they teach.

As this process was time consuming Rose had to spend one full day to get her choices right as this was very important phase of her life. Finally after putting a day's effort, her hard work paid off. Rose is now able to select a professor, thanks to her seniors who guided her the right way. She has successfully enrolled herself for the particular class she desired and this would eventually help her in achieving her long term dream. She now aims at learning the programming languages from grassroots level with a one pointed aim of maximizing her chances of getting into MNC giants in Silicon Valley.



Contributed by: Arjun



Adalyn Taylor

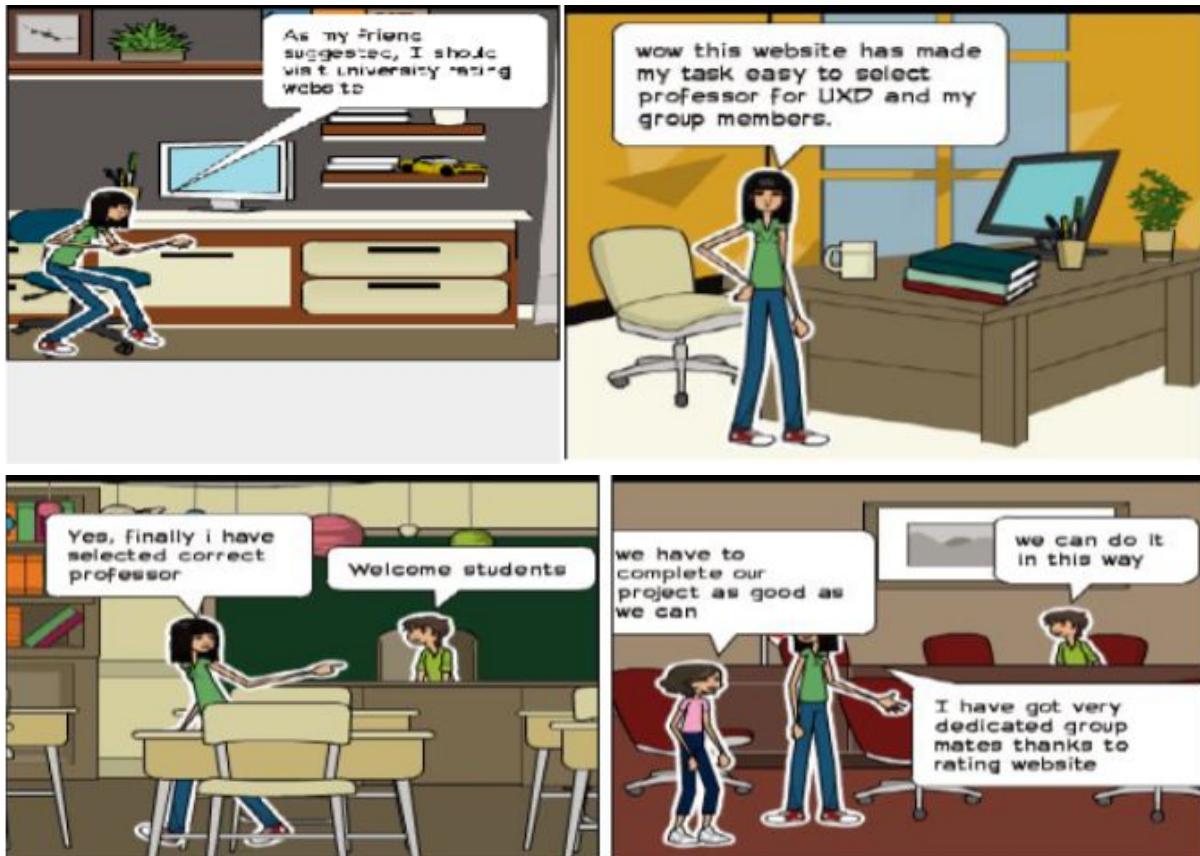


Keeping her future goal of becoming a successful future entrepreneur in mind, Adalyn was very tensed about kind of group mates she will get and what professor she should select so that her technical skills increases. Even after visiting rate my professor website, she could not come to any conclusion. After getting her friends advice, she visits university rating website. Adalyn first signed up in university rating website using her college id. Upon successful login, she found that this website is far more better than rate my professor website. Her she found that the website is covering details of all the professors and she could also compare different professor for same course depending on various parameters. In addition, she found out that there was a unique feature called 'demo' where, she could actually watch small demo lectures of professor to help her select correct professor.

She was also pleased to see that in this website, rating for different student is also available which could help her solve her finding groupmates problem. She was also happy to see that all the reviews of professors and different students was genuine as, only students with college id could sign in. Now all her confusion got clear as, she could not only select professors of her choice but group mates as well. After visiting university rating website, she is very hopeful that she will get the professor and groupmates of her choice.

Contributed by: Divya

Storyboard



Contributed by: Divya

Arya Smith



Arya is a web developer who lives in Newark with her family and is very passionate about coding but since her graduation she was very inclined towards being a professor as she highly admired her professor for introducing her to the world of coding and encouraging her to learn coding. She was offered a part time position of Professor in NJIT and she accepted it as this would allow her to devote more time to her students.

She joined NJIT and she was very happy teaching students and guiding them but she was worried if students were liking her and one day a student came to her and said she rated her as the best teacher in the school...then she came to know that was a system called ratemyprofessor.com which was used by

students to rate professor. She opened the system and checked reviews and saw that she had received comments and reviews from students who were not even in her class and this seemed unfair to her as this would affect the actual rating of the professor and also misguide the students referring this website. She researched and found a website that allowed only the students done a class under a particular professor to rate or review them. She liked the new system and thought this was more authenticated and students must use this than any other system.



This is Arya Smith who lives in Newark with her family and is a web coder.

She is a coder and gets very less time for her family, so she accepts the job of part time professor at NJIT

Arya is teaching students and she is quite happy and she hopes she can encourage students like her teacher did to her



Arya is teaching students and she is quite happy and she hopes she can encourage students like her teacher did to her

She finds a website ratemyprofessor.com used by students and while she was reviewing it she saw unknown students posting review and comment who hadn't

I like this new website more and would recommend all students to use it.

Contributed by: Aqsa

8. Information Scenario

INFORMATION SCENARIO 1- Finding a Professor

Henry wants to register for his courses. He opens the University Rating Website and he is prompted to either sign up or sign in. He first must sign up on the website, so he clicks on the Sign-Up button where he enters all his personal details like name, email address etc. The Email Address must be same as his College Email Address as he would need to verify his Email Address giving his University Id and password to verify and authenticate his credentials. After Sign-Up completes he can Sign In with his registered credentials. Upon signing in, a page opens with an option to find a professor or to find a Student. He selects Find a Professor to continue his search. He is then redirected to a page where there are 2 dropdowns, one containing the list of all the professors participating in the website and the second dropdown contains all the university names as a list. The lists are retrieved from the database that the website is using for all the details. He selects one of the two professors for his course and clicks on Submit button. The professor's profile opens with all his qualifications and research information's at the top and when he scrolls down the page, he finds many comments that students have written for the professor. The comments included a rating of the professor (out of 5 stars) and tags like if he is an easy grader or if he gives many assignments or if his teaching skills are good. Moreover, Henry finds people writing comments of their own about their experience with the professor. He also finds a View Demo button for the professors which took him to a YouTube link of a lecture of the professor. Henry wanted a professor who would be easy going and would not give too much of assignments so that he could dedicate most of his time to his dance practice and learn new dance forms and would have to study very less and still manage a good grade. Henry finds a button saying COMPARE. He clicks on the button and he is redirected to another page where the profile of his first professor was already loaded and a second option for adding another professor was given. He chooses his second professor from the dropdown and clicks on ADD button. When he clicks on the ADD button, a table was displayed with details of both the professors. The comparison was made based on the many points including: Department, Qualification, Areas of Specialization, Research Papers, Interest, Awards and honors, Grading Policy, Number of assignments, Teaching ability, Study Materials and Ratings in stars (out of 5) given by students. All this information is stored in the database and are retrieved when a request is made for the same.

Contributed by: Sucharita

INFORMATION SCENARIO 2- Finding a Student as Teammates

Henry has already registered for his courses for spring 2018 term. He has selected 3 courses and one subject that he has selected is Mathematical Finance. In the subject, he must form a group of 4-5 students. Since he is a fresher, he is unaware about who his group member will be. Henry is a hardworking and dedicated student. He wants to form a group with people who is as dedicated as he is and ensures that assigned work is submitted on time. While registering for professor in university rating website, he remembers that in that website there is a feature which helps in finding team members of our choice. So, he visits University rating website. First, he has to sign-up with his registered college ID. During sign-up, he chooses if he is a student or a professor. After successful sign-up, he must sign in with his newly registered username and password. He gets two options: 1) Find Professor and 2) Find Student. After selecting find student, he is directed to next page. This page asks him to select the university name and the department name so that the student can be filtered out easily. He gets a filtered result of all students based on department. Henry then browses through all the profiles of the students listed. He can then click on each student's name links which takes him to the student's profile. In the student's profile, he finds a student's profile picture and all the details of the student like Department, Joining Term, Current and Overall rating. He also finds a list of all the

courses he has taken and under which professors he has taken. Upon clicking on each of the courses, he gets an additional information about each course the student has taken which will in turn help him in his future reference. If he clicks on the name of the professors in the list, Henry finds that he is redirected to the profile page of the professor in this website. Moreover, on the student's profile page, he finds a list of all comments and tags and ratings (out of 5.0) any student or professor has rated that student. Moreover, Henry finds a RATE the student button, using which he could rate or comment on the student anytime afterwards. There is also a COMPARE button on the profile page. When he clicks on the button, he is redirected to another page where the profile of the first student was already loaded and a second option for adding another student was given. He chooses his second potential teammate/student from the dropdown and clicks on ADD button. When he clicks on the ADD button, a table was displayed with details of both the students. The comparison was made based on the many points including: Department, Qualification, Awards and honors, Previous Experiences, Punctuality, Seriousness and Overall Ratings in stars (out of 5) given by other students and professors. Also, there is a rating a student option that has been given in the student profile page where the ratings are given in stars, the student can give comments as well as give at least 3 tags to the student before submitting the rating.

Contributed by: Sucharita+Aqsa

INFORMATION SCENARIO 3 - Rate a Professor

Henry had finished all his courses and exams for the semester. He had selected 3 courses for this semester. Henry was happy as he had got good grades for this semester. However, out of the three courses he had taken he was satisfied with two of the professors as to how they conducted the class throughout the semester. Henry liked the way these professors gave assignments. The other professor Henry was not satisfied as he took long time to respond for the doubts and queries put forth to him.

Henry wanted to share this experience and wanted to rate his professors accordingly so that others who want to take the courses would benefit from his experience. So, Henry Signed in to the University Ratings Website and clicked on Find Professors. Upon clicking on find a professor, a page is opened where he needs to select University Name, Department and select the professor's name. Upon selecting the professor's name, the professors profile page is opened. On the profile page, there is an option to rate the professor. So Henry, clicks the rate this professor button a new page opens where he rate the professor on different parameters. He first has to enter the course code, rate the professor on different parameters like the level of difficulty, grading policy, No of Assignments and teaching ability. Also, he can write his experience in the comment section text box. He can also, select at least three tags that best describes the professors or there is an option to add tags of his choice. He can then submit the ratings by clicking the submit button.

Contributed by: Wilfred+Arjun

INFORMATION SCENARIO 4 - Rate a Student

Henry had finished all his courses and exams for the semester. He had selected 3 courses for this semester. Henry was happy as he had got good grades for this semester. He had got group assignments and was divided into five members.

Henry wanted to share this experience and wanted to rate his teammate accordingly so that others who want to take the courses would benefit from his experience. So, Henry Signed in to the University Ratings Website and clicked on Find Students. Upon clicking on find a student, a page is opened where he needs to select University Name, Department and select the students name. Upon selecting

the students name, the students profile page is opened. On the profile page, there is an option to rate the student. So Henry, clicks the rate this student button a new page opens where he rates the student on different parameters. He first has to rate the student on overall, punctuality and seriousness of a student .Also, he can write his experience in the comment section text box. He can also, select at least three tags that best describes the student or there is an option to add tags of his choice. He can then submit the ratings by clicking the submit button.

Contributed by: Wilfred+Divya

8. Keypath Scenario Link

URL: https://web.njit.edu/~sd686/uxdPrototypeV1/UXD_Final/home.html

Alternate URL: <https://web.njit.edu/~wc335/IS661/University%20Rating/home.html>

Scenario 1- Finding a Professor

Henry is a student at Stevens and trying to find a professor, with whom he can take course with.

1. Henry clicks on the above link. It will display the homepage of the website as below.

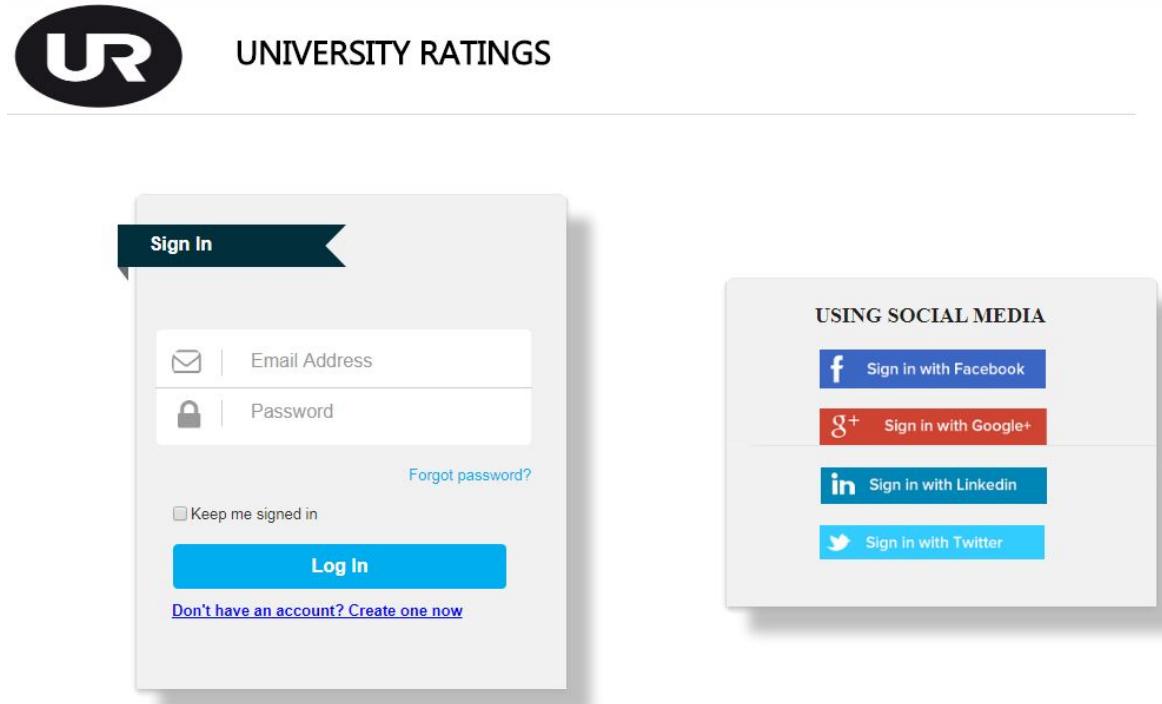


2. He clicks on “SIGN UP” button and this will take him to the signing up page, where he can register into the website using details like name, email address and password. He needs to click on “Verify Email” link to verify his email address using the School ID and password. He also need to select that he is a student(among student or professor) using the “I AM ” dropdown. He clicks on “REGISTER” button once all details are filled.

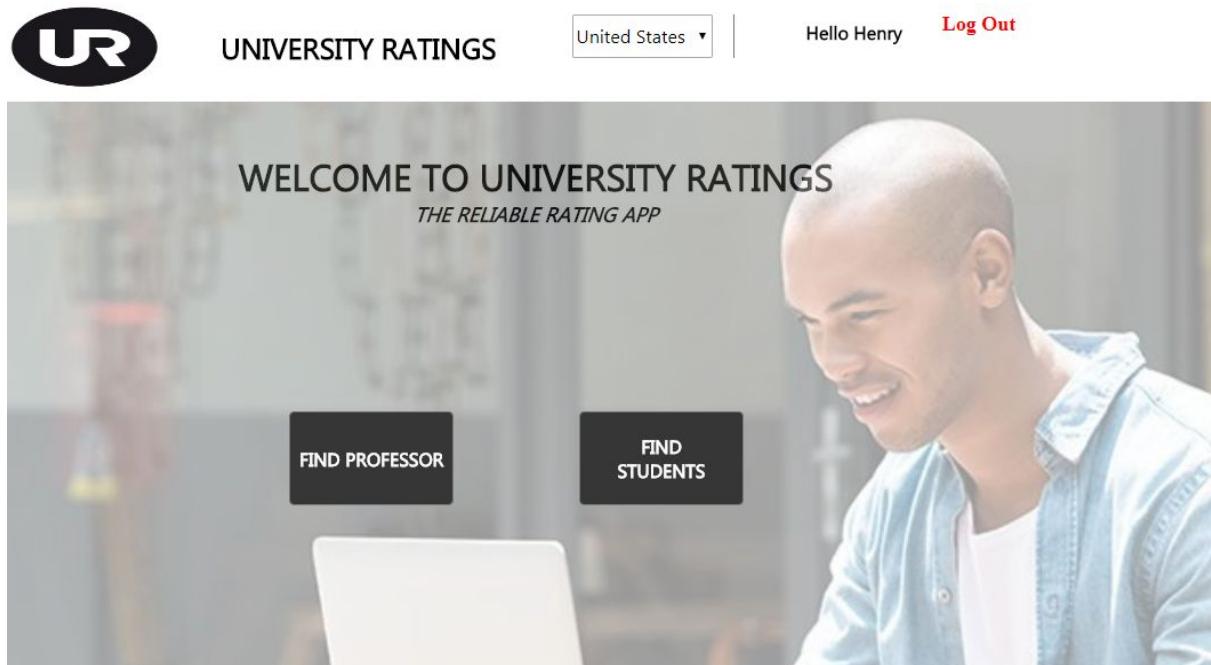
A screenshot of the 'Sign Up' form on the University Ratings website. The form is titled 'Sign Up' and includes fields for First Name, Last Name, Email Address, Password, Confirm Password, and a dropdown for 'I AM A :'. There is also a 'Verify Email' link. To the right of the main form is a smaller box containing fields for University ID and Password, with a 'VERIFY' button.

Contributed by: Sucharita + Wilfred

3. Once he is registered, he is redirected to the homepage again and now he has to sign in into his profile using the “SIGN IN” button. It takes Henry to the sign in page, where he can sign in using the newly created userid and password.



4. After successful sign in, the homepage of the student is displayed to Henry. He has two options of “FIND STUDENTS” and “FIND PROFESSORS”.



Contributed by: Sucharita + Wilfred

5. Henry clicks on “FIND PROFESSOR” button and he is redirected to the Search Professor page as shown below.

The screenshot shows a search interface titled "FIND PROFESSORS". At the top right are "Back" and "Log Out" buttons. On the left is a logo consisting of a white "UR" inside a black oval. Below the title are two input fields: "University's Name :" containing "Stevens Institute of Technic" and "Professor's Name :" containing "Rupak Chatterjee". A "SEARCH" button is centered below these fields. To the right of the search area is a cartoon illustration of a professor wearing a graduation cap, glasses, and holding a pointer stick. The background is white.

6. Henry selects “Rupak Chatterjee” from the Professor’s Name drop down and “Stevens University” from the University Name drop down and clicks on “SEARCH” button. The profile of Professor Rupak Chatterjee is displayed. There is a section showing the professor’s introduction, current position in the university and skills and expertise. He also finds a section below with the ratings and review of different students who has already taken a class with Prof. Rupak.

The screenshot shows a detailed professor profile for "Rupak Chatterjee" from "Stevens Institute of Technology - Financial Engineering". The profile includes a photo, the title "PhD", and sections for "About", "Current Institution", "Current position", and "Skills and Expertise". The "About" section contains links for "Introduction", "Current Institution" (with the Stevens logo), "Current position" (Industry Professor and Director of Financial Engineering), and "Skills and Expertise" (with categories like Machine Learning, Financial Risk Management, Quantitative Finance, Mathematical Physics, Financial Engineering, and Quantum Computing). To the right of the profile are buttons for "OVERALL RATING" (4.5 stars), "COMPARE", "RATE THIS PROFESSOR", and "VIEW DEMO".

Contributed by: Sucharita + Wilfred

RATINGS AND REVIEWS

12/12/2016	Easy Grader Good Teaching Skills Good Knowledge
	Professor is good and friendly. Cool professor

12/17/2016	Easy Grader Good Teaching Skills Gives Easy Assignments
	I took this course under him since I heard we get a good learning from him with real time experience.I got an overall good learning experience from him.

7. After he browses through the Profile of the professor, he finds 3 buttons on the right, which allows him to 1. COMPARE PROFESSORS, 2. RATE THE PROFESSOR and 3. VIEW DEMO LECTURE of the professor. He selects on “VIEW DEMO” button. He is redirected to a video of Mr. Rupak taking a class and here he can see how he teaches in class.



8. He then wants to compare Prof. Rupak with another professor teaching the same class. So clicks on “COMPARE” button and is redirected to a page with a table consisting of different attributes of Prof. Rupak and a Add Professor section on the side.

Contributed by: Sucharita + Wilfred



COMPARE PROFESSORS

[Back](#) [Log Out](#)

Name	<u>Rupak Chatterjee</u>
Department/Position	Director of Financial Engineering
Qualification	PHD, Theoretical Physics, Stony Brook University.
Research Papers	1. Derivative Risk Management 2. Pure Volatility Instruments 3. Quantum Computing and Computational Finance
Awards and honors	1. Excellence in teaching award. 2. Wins the 2016 Buy Side Quants of the year
Grading Policy	3.5 out of 5.0
Number of assignments	4.0 out of 5.0
Teaching ability	5.0 out of 5.0
Overall Rating	4.0 out of 5.0



9. Henry clicks on the ADD symbol and then the following dropdowns are displayed.



COMPARE PROFESSORS

[Back](#) [Log Out](#)

Name	<u>Rupak Chatterjee</u>
Department/Position	Director of Financial Engineering
Qualification	PHD, Theoretical Physics, Stony Brook University.
Research Papers	1. Derivative Risk Management 2. Pure Volatility Instruments 3. Quantum Computing and Computational Finance
Awards and honors	1. Excellence in teaching award. 2. Wins the 2016 Buy Side Quants of the year
Grading Policy	3.5 out of 5.0
Number of assignments	4.0 out of 5.0
Teaching ability	5.0 out of 5.0
Overall Rating	4.0 out of 5.0

ADD PROFESSOR TO COMPARE

University's Name : Stevens Institute of Technology

Professor's Name :

ADD

Contributed by: Sucharita + Wilfred

10. Henry selects Prof. Steve Yang from Professor's name drop down and clicks on “ADD” button. A table comparing the two professors are displayed.



COMPARE PROFESSORS

[Back](#) [Log Out](#)

Name	Rupak Chatterjee	Steve Yang
Department/Position	Director of Financial Engineering	Assistant Professor of Financial Engineering
Qualification	PHD, Theoretical Physics, Stony Brook University.	PHD in Systems Engineering with concentration on Financial Engineering
Research Papers	1. Derivative Risk Management 2. Pure Volatility Instruments 3. Quantum Computing and Computational Finance	Algorithmic trading strategies, behavioral finance, trading behavior/mathematical modeling, system optimization and fraud detection, and agent based financial market simulation.
Awards and honors	1. Excellence in teaching award. 2. Wins the 2015 Buy Side Quants of the year	1. 2012 Acheson J. Duncan Fund for the Advancement of Research in Statistics 2. 2010 Second Runner-Up, Morgan Stanley Annual Prize for Excellence in Financial Markets
Grading Policy	3.5 out of 5.0	4.0 out of 5.0
Number of assignments	4.0 out of 5.0	5.0 out of 5.0
Teaching ability	5.0 out of 5.0	5.0 out of 5.0
Overall Rating	4.0 out of 5.0	4.5 out of 5.0

11. He clicks on the name of the professor, Mr. Steve Yang from the table and he is redirected to the profile of Mr. Steve Yang. He also finds his introduction, current position in the university and skills and expertise. He also finds a section containing the ratings and reviews of this professor by the students who has already taken a course with him.



UNIVERSITY RATINGS

[Back](#) [Log Out](#)



Steve Y. Yang
Stevens Institute of Technology, Hoboken - Financial Engineering
Applied Mathematics, Probability Theory, Statistics
PhD

OVERALL RATING

★★★★★
☆

About

[Introduction](#)

[Current Institution](#)

[Skills and Expertise](#)

[COMPARE](#)

[RATE THIS PROFESSOR](#)

[VIEW DEMO](#)

Introduction

Assistant Professor in Financial Engineering Program



Current Institution

Stevens Institute of Technology
Financial Engineering
Hoboken, New Jersey

Skills and Expertise

Machine Learning
Pattern Recognition

Statistics
Text Mining
Portfolio Management

Quantitative Finance
Asset Pricing
Probability Theory

Contributed by: Sucharita + Wilfred

RATINGS AND REVIEWS

12/12/2016	<input type="checkbox"/> Easy Grader <input type="checkbox"/> Good Teaching Skills <input type="checkbox"/> Good Knowledge
★★★★★	Professor has a good knowledge about the subject and teaches well. He is an easy grader, so as long as you finish assignments on time and attends his lectures, you will receive a good grade.
12/17/2016	<input type="checkbox"/> Easy Grader <input type="checkbox"/> Good Teaching Skills <input type="checkbox"/> Gives Easy Assignments
★★★★★	A professor who is worth the money and good practical knowledge on Financial engineering.

12. After he browses through the Profile of this professor, he again finds 3 buttons on the right, which allows him to 1. COMPARE PROFESSORS, 2. RATE THE PROFESSOR and 3. VIEW DEMO LECTURE of the professor. He selects on “VIEW DEMO” button. He is again redirected to a video of Mr. Steve taking a class and here he can see how he teaches in class.

18.S096, Fall 2013
Topics in Mathematics with Applications in Finance
Peter Kempthorne, Choongbum Lee, Vasily Strela, Jake Xia
Lecture 1: Introduction, Financial Terms and Concepts

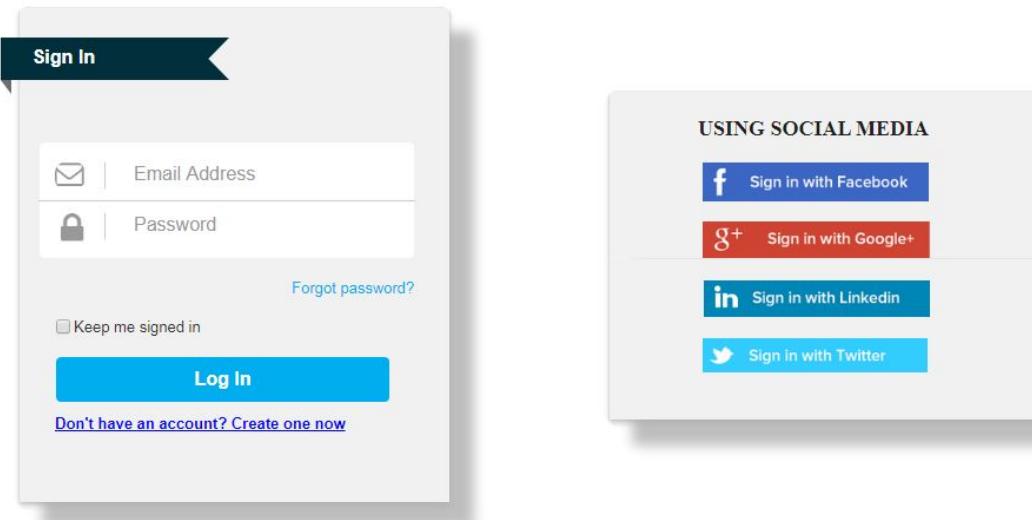
13. This helped him choose which professor he wants to take class with. He then clicks “LOGOUT” link to end the session.

Scenario 2- Rating a Professor

Henry is a student at Stevens and trying to rate a professor, with whom he has taken a course with.

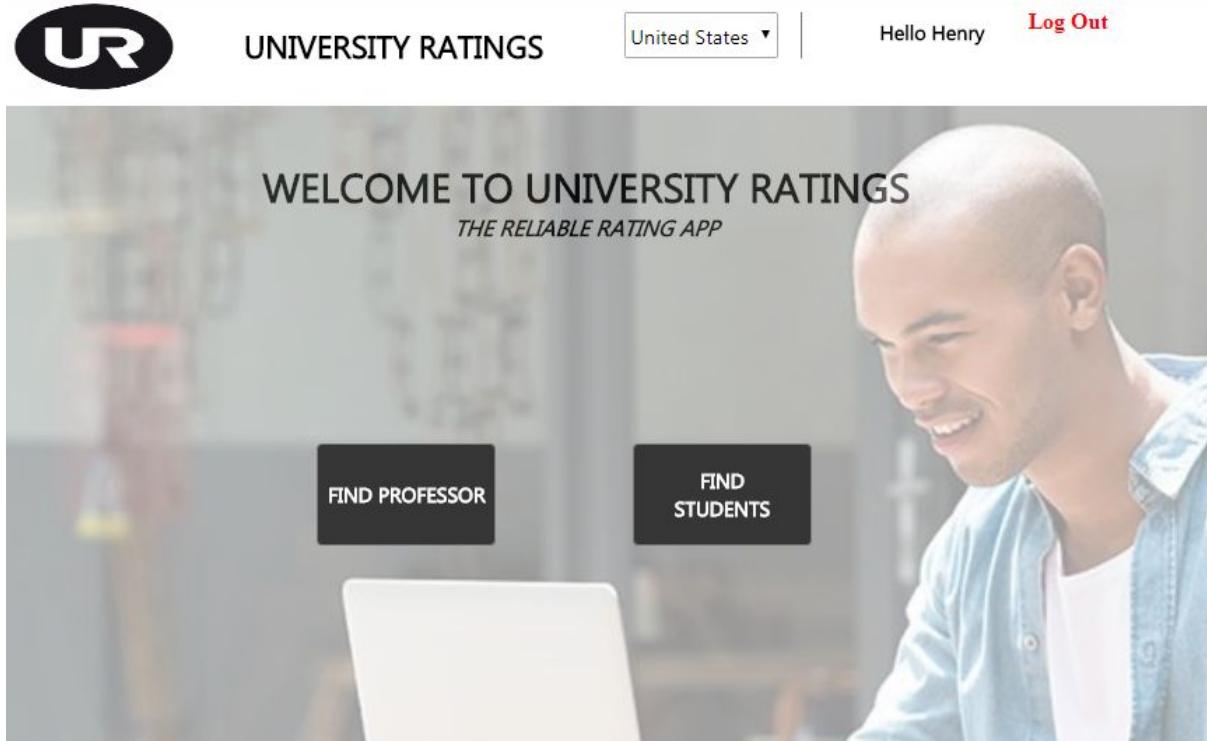
1. As he is already registered in the website, he has to sign in into his profile using the “SIGN IN” button. It takes Henry to the sign in page, where he can sign in using his userid and password.

Contributed by: Sucharita + Wilfred



The image shows two overlapping boxes. The left box is a "Sign In" form with fields for "Email Address" and "Password", a "Forgot password?" link, a "Keep me signed in" checkbox, and a blue "Log In" button. The right box is titled "USING SOCIAL MEDIA" and contains four social media sign-in buttons: "Sign in with Facebook", "Sign in with Google+", "Sign in with LinkedIn", and "Sign in with Twitter".

- After successful sign in, the homepage of the student is displayed to Henry. He has two options of “FIND STUDENTS” and “FIND PROFESSORS”.



The image shows the University Ratings homepage. At the top, there is a navigation bar with the "UNIVERSITY RATINGS" logo, a dropdown menu for "United States", a greeting "Hello Henry", and a "Log Out" link. Below the navigation is a large banner featuring a smiling man and the text "WELCOME TO UNIVERSITY RATINGS" and "THE RELIABLE RATING APP". At the bottom of the banner are two buttons: "FIND PROFESSOR" and "FIND STUDENTS".

- Henry clicks on “FIND PROFESSOR” button and he is redirected to the Search Professor page as shown below.

Contributed by: Sucharita + Wilfred



FIND PROFESSORS

[Back](#)[Log Out](#)

University's Name :

Professor's Name :

SEARCH



4. Henry selects “Rupak Chatterjee” from the Professor’s Name drop down and “Stevens University” from the University Name drop down and clicks on “SEARCH” button. The profile of Professor Rupak Chatterjee is displayed.



UNIVERSITY RATINGS

[Back](#)[Log Out](#)**Rupak Chatterjee**

Stevens Institute of Technology · Financial Engineering

PhD

OVERALL RATING

**COMPARE****About**

Introduction

Current Institution

Stevens Institute of Technology
Financial Engineering
Hoboken, New JerseyCurrent position
Industry Professor and Director of Financial Engineering

Skills and Expertise

[Machine Learning](#) [Financial Risk Management](#) [Quantitative Finance](#) [Mathematical Physics](#)
[Financial Engineering](#) [Quantum Computing](#)**RATE THIS PROFESSOR****VIEW DEMO****Contributed by: Sucharita + Wilfred**

RATINGS AND REVIEWS

12/12/2016	<input type="checkbox"/> Easy Grader <input type="checkbox"/> Good Teaching Skills <input type="checkbox"/> Good Knowledge
	Professor is good and friendly. Cool professor

12/17/2016	<input type="checkbox"/> Easy Grader <input type="checkbox"/> Good Teaching Skills <input type="checkbox"/> Gives Easy Assignments
	I took this course under him since I heard we get a good learning from him with real time experience.I got an overall good learning experience from him.

5. He finds 3 buttons on the right, which allows him to 1. COMPARE PROFESSORS, 2. RATE THE PROFESSOR and 3. VIEW DEMO LECTURE of the professor. He selects on “RATE THIS PROFESSOR” button. He is redirected to a page where he can rate the professor on various attributes and also write a review about his class and experience.


UNIVERSITY RATINGS
[Back](#) [Log Out](#)



Rupak Chatterjee
 Stevens Institute of Technology · Financial Engineering
· PhD

Course Code: Online

Rate this Professor: 

Level of Difficulty: 

Grading Policy: 

No of Assignments: 

Teaching Ability: 

Comments/Feedback

He is a good teacher.

Select up to 3 tags that best describes this Professor:

Easy Grader
 Good Teaching Skills
 Good Knowledge
 Easy Going

Easy Assignment
 Extra Credit
 Tests are tough
 Inspirational

+
Add tags of your choice

SUBMIT

Contributed by: Sucharita + Wilfred

6. After he is done rating and commenting, he clicks on “SUBMIT” button and he is redirected to a thank you message.

The screenshot shows the University Ratings homepage. At the top right are 'Back' and 'Log Out' buttons. The main content area features a user profile for 'Rupak Chatterjee' from Stevens Institute of Technology - Financial Engineering, PhD. Below the profile is a large 'THANKS FOR RATING' message in a white box.

7. He can click “LOGOUT” button to end the session.

Scenario 3 - Finding a Student for a Teammate.

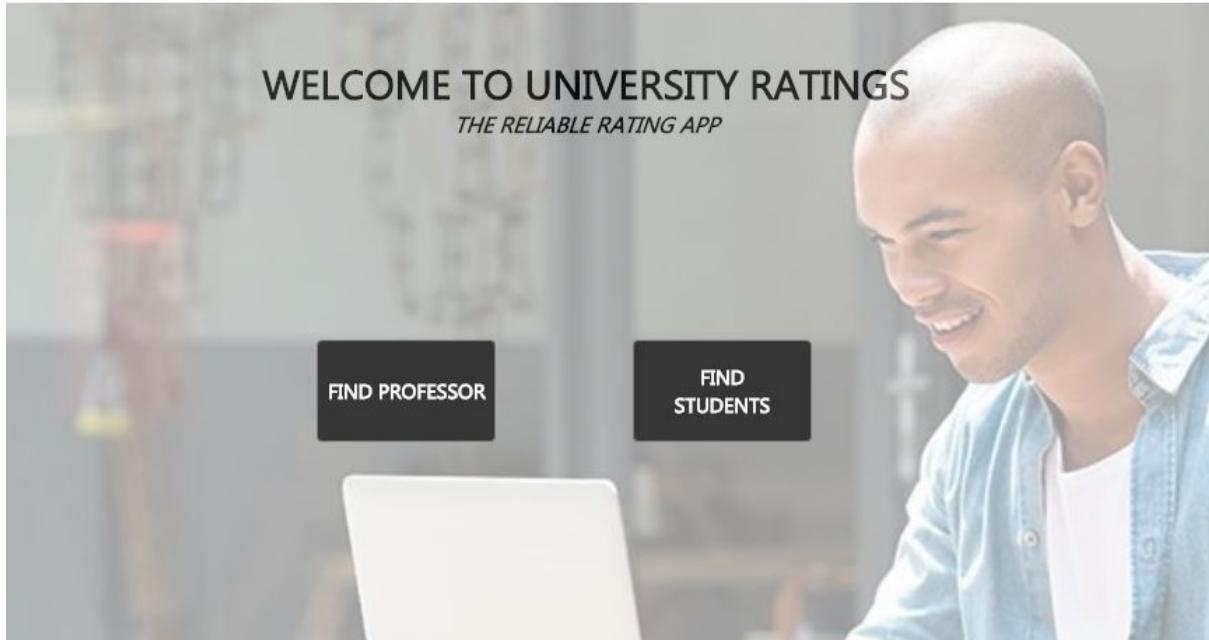
Henry is a student at Stevens and he is looking for students that he can form groups with.

1. As he is already registered in the website, he has to sign in into his profile using the “SIGN IN” button. It takes Henry to the sign in page, where he can sign in using his userid and password.

The screenshot shows the University Ratings sign-in page. It includes fields for 'Email Address' and 'Password', a 'Forgot password?' link, a 'Keep me signed in' checkbox, and a 'Log In' button. To the right is a 'USING SOCIAL MEDIA' section with links for 'Sign in with Facebook', 'Sign in with Google+', 'Sign in with LinkedIn', and 'Sign in with Twitter'.

2. After successful sign in, the homepage of the student is displayed to Henry. He has two options of “FIND STUDENTS” and “FIND PROFESSORS”.

Contributed by: Sucharita + Wilfred



3. Henry clicks on “FIND STUDENTS” button and he is redirected to the Search Students page as shown below.

The image shows the 'FIND STUDENTS' search page. It features the 'UR' logo, the title 'FIND STUDENTS', a 'Back' link, and a 'Log Out' link. The page includes two dropdown menus: 'Select University:' and 'Department Name:', both with dropdown arrows. Below these is a 'SEARCH' button. To the right of the form is a cartoon character of a graduate in a black cap and gown, standing with arms crossed. The background of the page is white.

4. He selects Stevens Institute of technology from Select University drop down and Financial Engineering from Select Department drop down and clicks on SEARCH button. A list of students and their profile overview for the matching criteria is displayed as below.

Select University :	Stevens Institute of Techr ▼
Department Name :	Financial Engineering ▼
SEARCH	



	Bhaumik Doshi
OVERALL RATING : 	University: Stevens Institute of Technology Department: Financial Engineering Joining Term: Fall 2016
	Aviral Kandpal
OVERALL RATING : 	University: Stevens Institute of Technology Department: Financial Engineering Joining Term: Spring 2017
	Anurag Jain
OVERALL RATING : 	University: Stevens Institute of Technology Department: Financial Engineering Joining Term: Spring 2017

5. Henry clicks on Bhaumik Doshi and his profile is displayed. The profile contains the overview of each student and their overall rating. Henry also finds which courses the student has taken and under which professors. He finds that he can click on the Course numbers to finds a description of the course. He also finds that there is a section of ratings and reviews by other students and professors underneath the other informations, as shown below.

Contributed by: Sucharita + Wilfred



BHAUMIK DOSHI

University: Stevens Institute of Technology

Department: Financial Engineering

Joining Term: Spring 2017

RATE THIS STUDENT

OVERALL RATING : ★★★★★

COMPARE

Courses taken by Bhaumik:

FE 610

FE 620

FE 621

Professors under which Bhaumik has studied:

Rupak Chatterjee

Steve Yang

RATINGS AND REVIEWS

12/12/2016	Helpful	Punctual	Good Knowledge
★★★★★	He is a good overall student. Helpful with assignments and is very punctual with his submissions.		

20/10/2016	Easy Going	Good Teammate
★★★★★	He is great team mate. You can count on him all the time. Cheers.	

6. He finds 2 buttons on the side of the profile. 1. RATE THIS STUDENT and 2. COMPARE. He clicks on COMPARE button and is redirected to the Compare students page with the details of Bhaumik already populated on a table and a Add(+) symbol to add another student to compare, as below.

Contributed by: Sucharita + Wilfred



COMPARE STUDENTS

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Name	<u>Bhaumik Doshi</u>
Department/Position	Financial Engineering
Qualification	Graduate Student
Awards and honors	None
Previous Experience	2 years
Punctuality	4.5 out of 5.0
Seriousness	5.0 out of 5.0
Overall Rating	4.5 out of 5.0



7. He click on the + symbol and he is asked to select Department name and students name for comparison, as shown below.



COMPARE STUDENTS

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Name	<u>Bhaumik Doshi</u>
Department/Position	Financial Engineering
Qualification	Graduate Student
Awards and honors	None
Previous Experience	2 years
Punctuality	4.5 out of 5.0
Seriousness	5.0 out of 5.0
Overall Rating	4.5 out of 5.0

Add Student to Compare

University Name: Stevens Institute of Technology

Department Name :

Students's Name :

ADD

8. He selects Financial Engineering as department and S.Lee from Students name drop downs and clicks on ADD button. A comparison table is shown as below.

Contributed by: Sucharita + Wilfred



COMPARE STUDENTS

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Name	Bhaumik Doshi	S. Lee
Department/Position	Financial Engineering	Financial Engineering
Qualification	Graduate Student	Graduate Student
Awards and honors	None	None
Previous Experience	2 years	None
Punctuality	4.5 out of 5.0	4.0 out of 5.0
Seriousness	5.0 out of 5.0	3.5 out of 5.0
Overall Rating	4.5 out of 5.0	4 out of 5.0

9. When he clicks the name of the Student in the table “S. Lee”, he is redirected to the profile of S.Lee student and he can see the ratings and reviews of the student as well.



UNIVERSITY RATINGS

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S.LEE

University: Stevens Institute of Technology
 Department: Financial Engineering
 Joining Term: Spring 2017

RATE THIS STUDENT

OVERALL RATING :

COMPARE

Courses taken by S.Lee:

[FE 610](#)

[FE 620](#)

[FE 621](#)

This concentration goes beyond basic programming and computing skills to teach students to use quantitative models to manage large financial data sets. Students learn financial computing models, financial databases, financial engineering software and specialized programming languages.

Professors under which S.Lee has studied:

[Rupak Chatterjee](#)

[Steve Yang](#)

Contributed by: Sucharita + Wilfred

RATINGS AND REVIEWS

12/12/2016	Helpful	Punctual	Good Knowledge
★★★★★	He is a team player. You would like to keep him in your team. Loved working with him. It was so much fun.		

20/10/2016	Easy Going	Good Teammate
★★★★★	I taught him one of his subjects. He was never late in his submissions and has a very good capability of grasping any programming concepts.	

10. This helped him choose which student he wants to make groups with. He then clicks “LOGOUT” link to end the session.

Scenario 4 - Rating a student

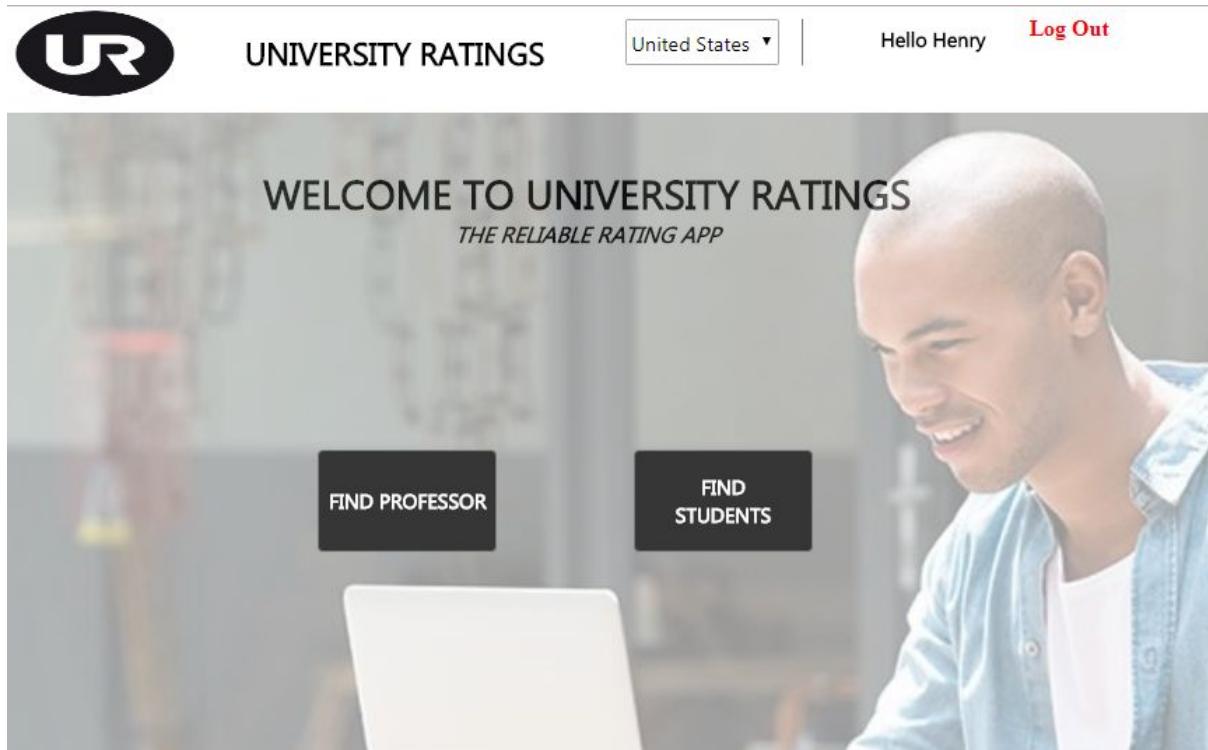
Henry is rating a student he has been in class with during the time of a course.

1. As he is already registered in the website, he has to sign in into his profile using the “SIGN IN” button. It takes Henry to the sign in page, where he can sign in using his userid and password.

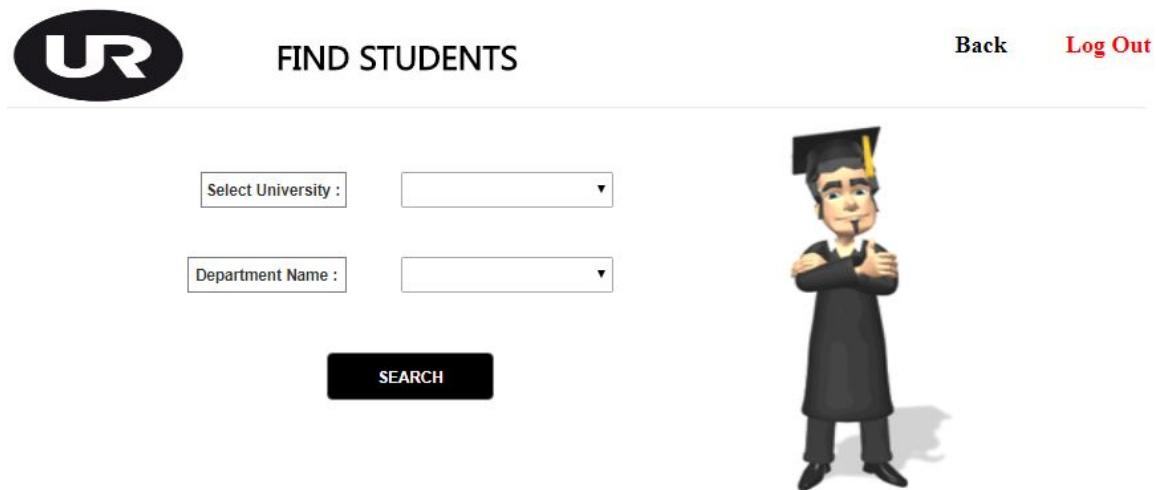
The screenshot shows the "UNIVERSITY RATINGS" website. On the left, there is a "Sign In" form with fields for "Email Address" and "Password", a "Forgot password?" link, a "Keep me signed in" checkbox, and a "Log In" button. Below the form is a link to "Create one now". On the right, there is a "USING SOCIAL MEDIA" section with four buttons: "Sign in with Facebook", "Sign in with Google+", "Sign in with LinkedIn", and "Sign in with Twitter".

Contributed by: Sucharita + Wilfred

2. After successful sign in, the homepage of the student is displayed to Henry. He has two options of “FIND STUDENTS” and “FIND PROFESSORS”.



3. Henry clicks on “FIND STUDENTS” button and he is redirected to the Search Students page as shown below.



4. He selects Stevens Institute of technology from Select University drop down and Financial Engineering from Select Department drop down and clicks on SEARCH button. A list of students and their profile overview for the matching criteria is displayed as below.

Contributed by: Sucharita + Wilfred

Select University :	Stevens Institute of Techr ▼
Department Name :	Financial Engineering ▼
SEARCH	



	Bhaumik Doshi
OVERALL RATING : 	University: Stevens Institute of Technology Department: Financial Engineering Joining Term: Fall 2016
	Aviral Kandpal
OVERALL RATING : 	University: Stevens Institute of Technology Department: Financial Engineering Joining Term: Spring 2017
	Anurag Jain
OVERALL RATING : 	University: Stevens Institute of Technology Department: Financial Engineering Joining Term: Spring 2017

5. Henry clicks on Bhaumik Doshi and his profile is displayed. The profile contains the overview of each student and their overall rating.

Contributed by: Sucharita + Wilfred



BHAUMIK DOSHI

University: Stevens Institute of Technology
Department: Financial Engineering
Joining Term: Spring 2017

OVERALL RATING :

RATE THIS STUDENT

COMPARE

Courses taken by Bhaumik:

[FE 610](#)

[FE 620](#)

[FE 621](#)

Professors under which Bhaumik has studied:

[Rupak Chatterjee](#)

[Steve Yang](#)

RATINGS AND REVIEWS

12/12/2016	<input type="checkbox"/> Helpful	<input type="checkbox"/> Punctual	<input type="checkbox"/> Good Knowledge
	He is a good overall student. Helpful with assignments and is very punctual with his submissions.		

20/10/2016	<input type="checkbox"/> Easy Going	<input type="checkbox"/> Good Teammate	
	He is great team mate. You can count on him all the time. Cheers.		

6. He finds 2 buttons on the side of the profile. 1. RATE THIS STUDENT and 2. COMPARE. He clicks on RATE THIS STUDENT button and he is redirected to the Rate the student page. He can rate the student out of 5 star rating and also select tags for easy reference. He can also write a review about him if he wants. The page is as shown below.

Contributed by: Sucharita + Wilfred



BHAUMIK DOSHI

Rate this Student:



Punctuality:



Seriousness:



Comments/Feedback

Select up to 3 tags that best describes this Student:

[Helpful](#)[Punctual](#)[Good Knowledge](#)[Easy Going](#)[Good Teammate](#)[Extra Credit](#)[Good Programmer](#)[Writing](#)

Add tags of your choice

abc

SUBMIT

7. After he is done, he clicks on Submit and a Thank you page is displayed.



BHAUMIK DOSHI

THANKS FOR RATING

8. He clicks on “LOGOUT” link to end the session.

Contributed by: Sucharita + Wilfred

Final Conclusion

The website “University Rating” is important to use by the students and professors for finding a student or a professor. It helps students to make a correct decision of choosing the correct professor for a course and a teammate for group projects. Choosing wrong professors or students as teammates can hamper grades for a person. A student can compare 2 professors and see their reviews and ratings. The student can view demo lectures of the professors and decide to choose which professor to take class with. A student can also rate a professor out of 5 stars and add comments and tags for the professor.

For choosing a student, a professor or a student can find a student and compare 2 students on basis of different attributes. They can also rate a student out of 5 stars and add comments and tags, same like the professors. This can help a student find another student as their teammates and not choose anyone they regret being with.

Contributed by: Sucharita

Keypath Scenario Steps

Scenario 1: Finding a professor to take class with.

1. Click on “SIGNUP” button. Click on REGISTER button for registering.
2. Click on “SIGNIN” button.
3. Click on Log In button.
4. Click on “Find Professor” button.
5. Select “Stevens Institute of Technology” from University name dropdown and select “Rupak Chatterjee” from Professor’s name dropdown.
6. Click on SEARCH button. It takes to the profile of Rupak Chatterjee.
7. Click on “VIEW DEMO” button to view the demo lecture.
8. Click on “COMPARE” button.
9. Click on the (+) symbol.
10. Select “Stevens Institute of Technology” from University name dropdown and select “Steve Yang” from Professor’s name dropdown.
11. Click on “ADD” button.
12. Click on “STEVE YANG” link on the table header. It takes to the profile of Steve Yang.
13. Click on “VIEW DEMO” button to view the demo lecture of this professor.
14. Click on “Logout” link to come out of the website.

Scenario 2: Rate a professor.

1. Click on “SIGNUP” button. Click on REGISTER button for registering.
2. Click on “SIGNIN” button.
3. Click on Log In button.
4. Click on “Find Professor” button.
5. Select “Stevens Institute of Technology” from University name dropdown and select “Rupak Chatterjee” from Professor’s name dropdown.
6. Click on SEARCH button. It takes to the profile of Rupak Chatterjee.
7. Click on “RATE THIS PROFESSOR” button.
8. Select stars and tags and add comments and click on “SUBMIT” button.
9. Click on “Logout” on the Thank you page to end the session.

Scenario 3: Finding a student for teammate.

1. Click on “SIGNUP” button. Click on REGISTER button for registering.
2. Click on “SIGNIN” button.
3. Click on Log In button.
4. Click on “Find Students” button.
5. Select “Stevens Institute of Technology” from Select University dropdown and select “Financial Engineering” from Department Name dropdown.
6. Click on SEARCH button.
7. Click on “Bhaumik Doshi” link from the table below. His profile will be displayed.
8. Click on “COMPARE” button.

9. Click on (+) symbol.
10. Select “Financial Engineering” from Department Name dropdown and select “S. Lee” from Student name dropdown.
11. Click on “ADD” button.
12. Click on “S.Lee” link from the table heading. This will take you to the profile page of S.Lee.
13. Click on “Logout” link to end the session.

Scenario 4: Rating a student.

1. Click on “SIGNUP” button. Click on REGISTER button for registering.
2. Click on “SIGNIN” button.
3. Click on Log In button.
4. Click on “Find Students” button.
5. Select “Stevens Institute of Technology” from Select University dropdown and select “Financial Engineering” from Department Name dropdown.
6. Click on SEARCH button.
7. Click on “Bhaumik Doshi” link from the table below. His profile will be displayed.
8. Click on “RATE THIS STUDENT” button.
9. Select stars and tags and add comments and click on “SUBMIT” button.
10. Click on “Logout” on the Thank you page to end the session.

Contributed by: Sucharita + Wilfred