

Programming Applications and Frameworks (IT 3030)

3rd Year, 1st Semester

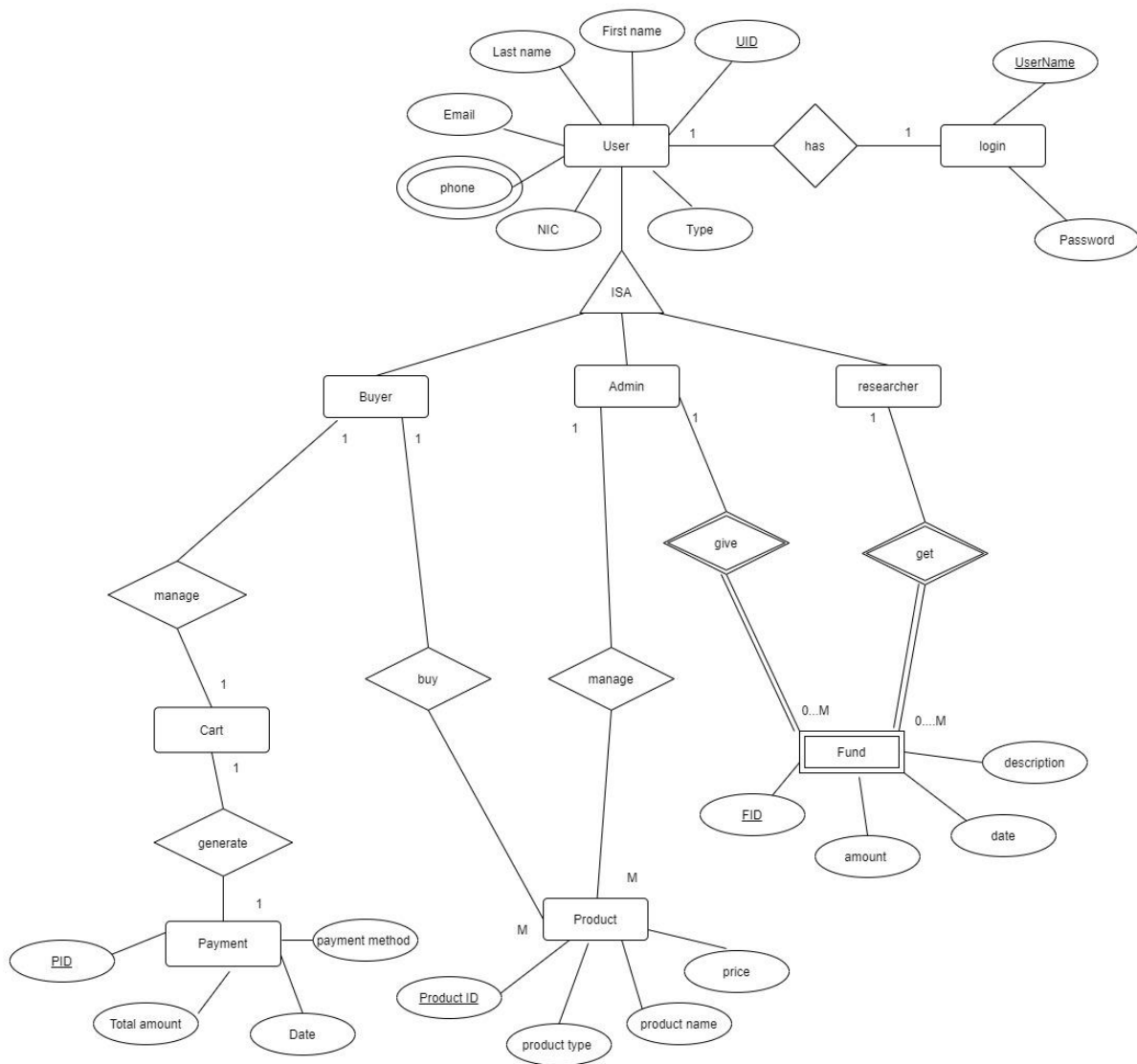
Contribution

IT Number	Name	Web service
IT19101248	A.L.G Sachini Sumeera	User management Service
IT19033860	H.R Nipun Pesala	Product management Service
IT19135694	Amasa R.P.D	Cart and payment service
IT19191584	M.A Maleesha Thilani	Fund management service

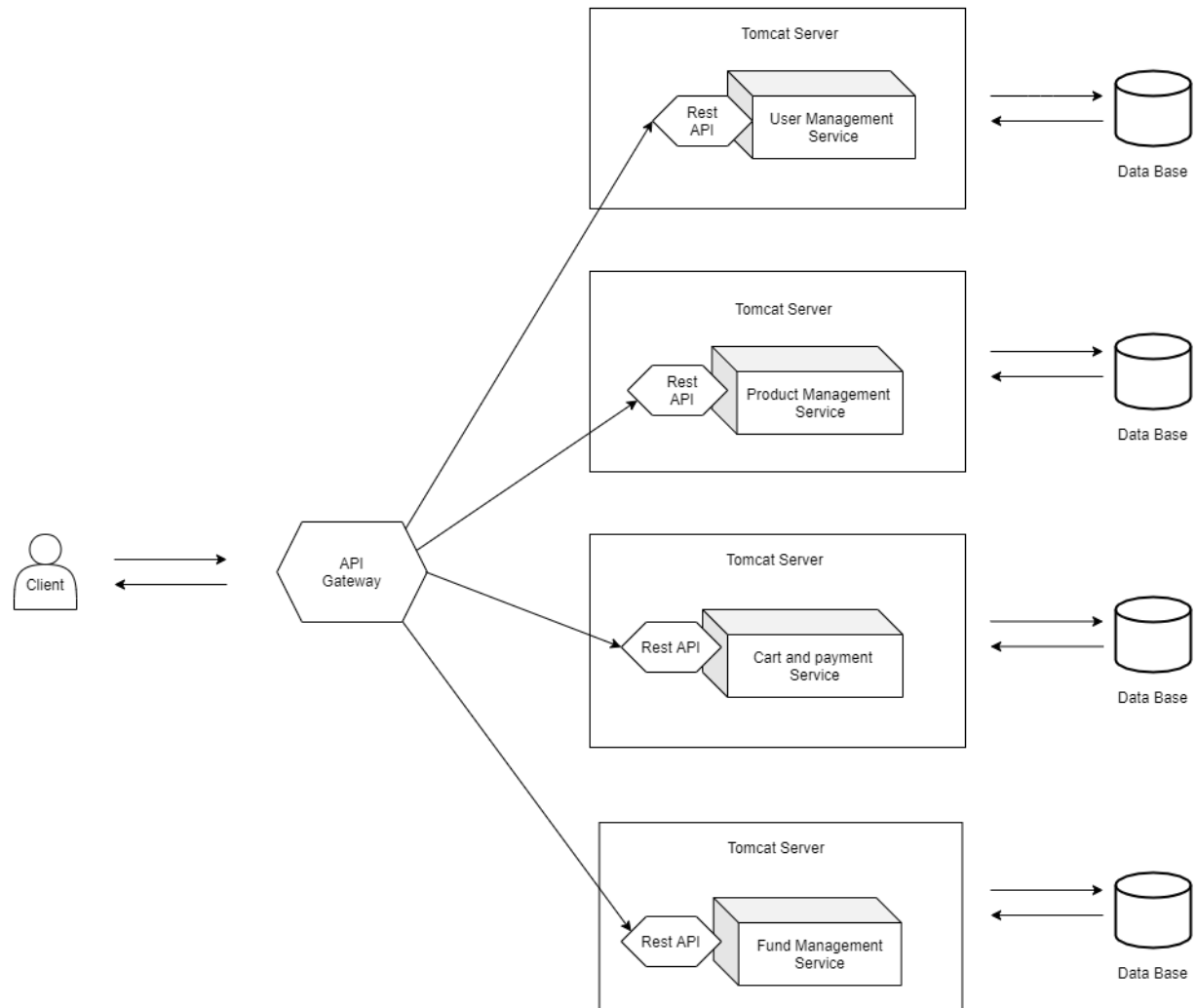
Functions

Service	Requirement	Description
User management Service	<ul style="list-style-type: none">• User login• Register a new user.• View user profile.• Update user profile.• Delete user profile.	Facilitate to register user to the system and register user can update or delete their profile if user want. Facilitate to login user to the system.
Product management Service	<ul style="list-style-type: none">• Add product to store• View product in store• Update product details.• Delete product details.	Facilitate to add researcher's product to the store if admin confirm the product. also, researchers can update or delete their products.
Cart and payment service	<ul style="list-style-type: none">• Add product to cart• View selected product in cart.• Update selected product in cart• Delete product in cart• Add payment details.• Update payment details• Delete payment details	Buyers can add product to the cart and update product or delete product in the cart. Also, buyers can add their payment details and update or delete the payment details
Fund management service	<ul style="list-style-type: none">• Add fund to researcher• View given find to researchers• Update fund• Delete fund	admin (GadgetBadget company) can add a fund for young researches. And admin can update and delete the fund.

ER Diagram



Architecture Diagram



Class Diagram

