

#	Project	Description / Expectation	Example systems
1	Sales and inventory management system	<ol style="list-style-type: none"> 1. Register and edit system users 2. Insert, edit and delete items in the system 3. Purchase items and stock them in the store (increases quantity of items in inventory) 4. Make sales using the system (when an item is sold, the quantity of it reduces in the inventory) 	<ol style="list-style-type: none"> a. Supermarket Systems b. Shop sales system
2	Savings and credit organization	<ol style="list-style-type: none"> 1. Register new clients 2. Clients can save money 3. Clients can ask for loans and pay back in installments 4. Clients can login and view their savings and loans 	<ol style="list-style-type: none"> a. Microfinance systems b. Savings and loan management systems
3	University registration system	<ol style="list-style-type: none"> 1. Register new students to a course (including student photo) 2. Register new courses 3. Remove outdated courses 4. Create a student's access portal for them to see their biodata and access course notes as well as timetables for lectures and exams 	<ol style="list-style-type: none"> a. University student portal
4	Chat app	<ol style="list-style-type: none"> 1. Users can create accounts 2. Users with accounts can login 3. Chat with friends and visit previous chats and conversations 	<ol style="list-style-type: none"> a. Facebook b. Whatsapp c. Twitter
5	Online restaurant	<ol style="list-style-type: none"> 1. Create user accounts 2. User login 3. View menu online 4. View offers, promotions and discounted deals 5. Place food orders online 	<ol style="list-style-type: none"> a. Jumia food b. Uber eats c. Cafe Javas d. Glovo
6	Hospital patients register	<ol style="list-style-type: none"> 1. Register new patients coming to the hospital 2. Assign patients a patient number 3. Register the sickness / illness / case 4. Prescribe treatment to patient 5. Book appointments for consultation 6. Book patients for reviews and check-ups 7. Check patient medical records by patient number 	<ol style="list-style-type: none"> a. IHK Hospital management systems

7	Online store	<ol style="list-style-type: none"> 1. Register user accounts 2. Customers can add items to a Wishlist / cart 3. Customers can purchase items directly or from cart 4. The system should computer totals as customer adds items to cart / Wishlist 	<ol style="list-style-type: none"> a. Jumia b. KIKUU
8	Hotels and bookings	<ol style="list-style-type: none"> 1. Choose a destination 2. Filter hotels by price 3. Book a room online 4. Check in and check out of the room 5. Show available rooms only (should not allow different bookings for the same room) 	<ol style="list-style-type: none"> a. Air bnb b. Bookings c. Trip Advisor
9	Bus/ Taxi bookings	<ol style="list-style-type: none"> 1. A user can select a route to take 2. A user can select a bus from a list of available buses for that route 3. A user can book one or more seats on a bus 4. A user can book tickets for a future date 	<ol style="list-style-type: none"> a. Trinity bus app b. Fly Emirates booking app
10	Automotive Number plate generator	<ol style="list-style-type: none"> 1. A system admin feeds in information about n automotive like (chassis number, make, year of manufacture, type of automotive, etc) and on saving, the system generates a number plate and saves all this information in a database. 2. A number plate is only generated once and can never be generated ever again. 3. We can view all generated number plates and the vehicle data for it. 4. Auto motives of type “Vehicle” number plates should follow the format (UAA 001 A) 5. Auto motives of type “Motorcycle” number plates should follow the format (UEA 001 A) 	<ol style="list-style-type: none"> a. Number plate generator
11	Car park management	<ol style="list-style-type: none"> 1. Create user accounts 2. Choose an area / location 3. View available parking areas that have space 4. Book and pay for parking of one or more vehicles 	<ol style="list-style-type: none"> a. Multiplex parking systems b. KCCA park billing system

12	School attendance logging system	<ol style="list-style-type: none"> 1. Teacher logs into the system using their account details 2. Students have to be registered to a course and have to attend certain classes according to the timetable 3. Only students who have to be attending a certain class according to the timetable can appear on the attendance sheet for roll call 4. Taking student attendance is done by simply clicking a checkbox with the student biodata 	a. School attendance systems
13	Online book store	<ol style="list-style-type: none"> 1. Add and remove books 2. Users can view all books available and their prices 3. Books are grouped by categories like (Drama, thriller, horror, love, adventure, etc) 4. Users can only download the books if they have successfully paid for the book 	<ol style="list-style-type: none"> a. Amazon b. Google books c. Pinterest
14	Courier / Delivery company	<ol style="list-style-type: none"> 1. Register parcel to be sent and capture its details like (weight, destination, sender info, receiver info, price, etc). 2. System should show a status of the parcel like (Received, in transit, picked up, Delivered, returned) 3. View previous parcels sent by the same person or sent to the same location / address 	<ol style="list-style-type: none"> a. DHL b. UPS c. Yellow pages d. Post office