

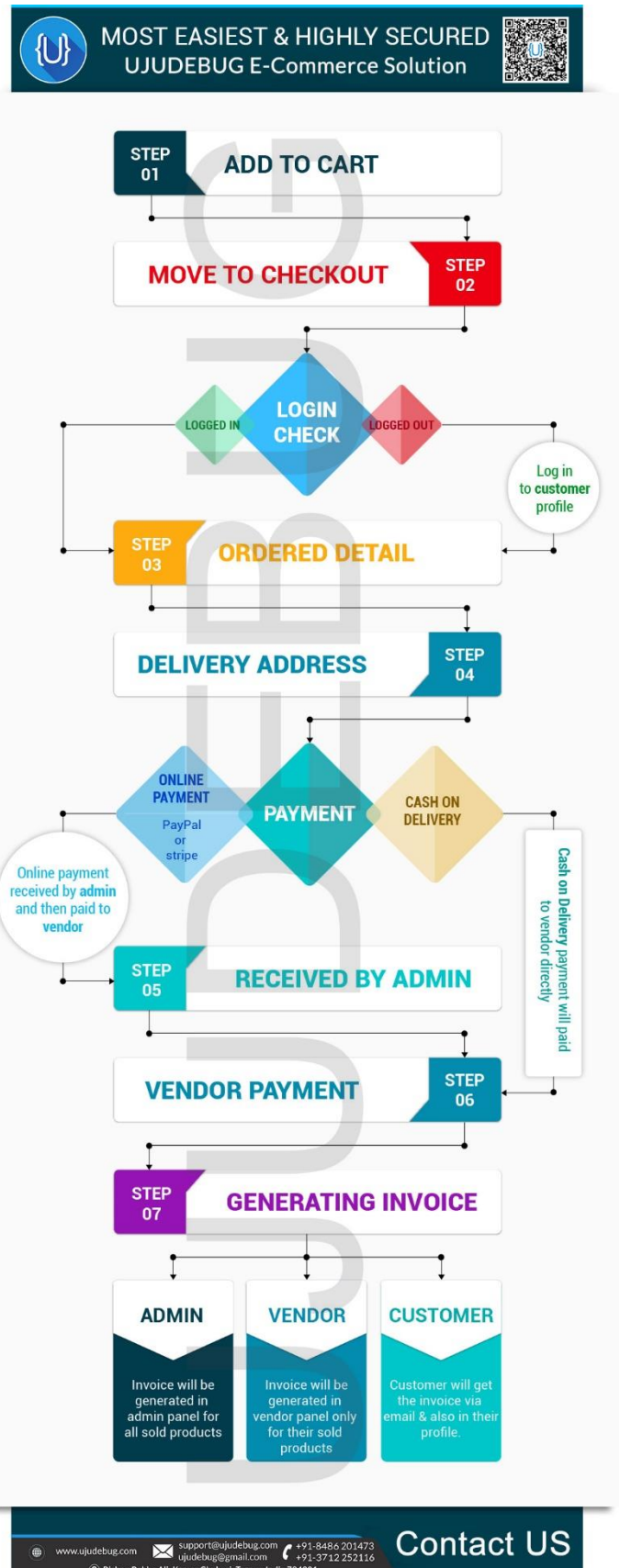


UJU E-Commerce Solution

E-Commerce means Electronic Commerce. To order any product, you don't have to go anywhere else, you can order it at home and then it gets delivered at your home. Due to the emergence of E-commerce websites, it has become very easy to shop online. eCommerce websites are online portals that facilitate online transactions of goods and services through means of the transfer of information and funds over the Internet. In the early days, e-Commerce was done partially through emails and phone calls. Now, with a single website, anything and everything that a transaction needs, can be executed online. There are different e-Commerce websites for every field. The most common type is retail selling, but there are many others too, like auction websites, business-to-business services, music portals, consultancy websites, finance management websites, and the like. Mobile Commerce simply means buying and selling of goods, done by customers using their mobile devices. With mobile devices taking over the planet, quite literally everyone uses their mobile devices more often than their laptops or desktops – to browse the internet. There has been a huge increase in transactions done via mobile devices in the last few years – so the benefits of mobile commerce are significant.

Our powerful ecommerce software gives you all the features you need to build an online store.

We give you the tools to streamline your online business so you can focus on what you do best — selling.





The most important table used in an ecommerce site is **product table** because it relates to all tables in the database and related fields are entered in this table like product name, price sku code etc.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	ProductID	int(12)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	ProductSKU	varchar(50)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	ProductName	varchar(100)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	ProductPrice	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	ProductWeight	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	ProductCartDesc	varchar(250)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	ProductShortDesc	varchar(1000)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
8	ProductLongDesc	text	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
9	ProductThumb	varchar(100)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
10	ProductImage	varchar(100)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
11	ProductCategoryID	int(11)			Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
12	ProductUpdateDate	timestamp			No	CURRENT_TIMESTAMP		Change Drop Primary Unique Index Spatial Fulltext Distinct values
13	ProductStock	float			Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
14	ProductLive	tinyint(1)			Yes	0		Change Drop Primary Unique Index Spatial Fulltext Distinct values
15	ProductUnlimited	tinyint(1)			Yes	1		Change Drop Primary Unique Index Spatial Fulltext Distinct values
16	ProductLocation	varchar(250)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Product category means different types of product with different categories. See example below:

ELECTRONICS

MEN

WOMEN

BABY & KIDS

HOME & FURNITURE

Electronics

SHOP BY: Categories Brand Stores Others LE 1S INTEL 2-IN-1

Mobiles

Samsung

Lenovo

Motorola

LeEco

Apple

Asus

Honor

Mi

Flipkart Exclusive Mobiles

New and Popular Models

Creo Mark 1

Lenovo Vibe K5 Plus

Samsung S7/S7 Edge

Le 1s

Wearable Smart Devices

Smart Watch

Smart Bands

Smart Home Automation

Tablets

Mi Tablets

Lenovo Tablets

Apple Tablets

Samsung Tablets

Laptops

HP

Lenovo

Dell

Asus

Acer

Computer Peripherals

Printers and Inks

Monitors

Mobile Accessories

Cases & Covers

Power Banks

Mobile Memory Cards

Value Combos

On the Go Pendrives

Headphones & headsets

Tablet Accessories

Computer Accessories

External Hard Disks

CategoryID

CategoryName

1 Running

2 Walking

3 Hiking


4 Track and Trail

5 Short Sleeve

6 Long Sleeve



Product option: Different type of product options like color, size etc.



there are product option

Create-It-V neck tshirt

Rs249.00

Be the first to review this product

The Create it tool allows you to customize your own apparel online. With Create it, one can upload, make, design and create their own hoodie online. Upload Images, change colors, working with size and pre-loaded library of artworks experience Create It!

Color



Size

* Required Fields

Qty: 1

[Add To Cart](#)

[Personalize](#)

[Add to Wishlist](#)

[Add to Compare](#)

+ Options

← T →

	ProductOptionID	ProductID	OptionID	OptionPriceIncrement	OptionGroupID
<input type="checkbox"/> Edit Copy Delete	1	1	1	0	1
<input type="checkbox"/> Edit Copy Delete	2	1	2	0	1
<input type="checkbox"/> Edit Copy Delete	3	1	3	0	1
<input type="checkbox"/> Edit Copy Delete	4	1	4	0	2
<input type="checkbox"/> Edit Copy Delete	5	1	5	0	2
<input type="checkbox"/> Edit Copy Delete	6	1	6	0	2
<input type="checkbox"/> Edit Copy Delete	7	1	7	2	2
<input type="checkbox"/> Edit Copy Delete	8	1	8	2	2

You can also edit most values by double-clicking directly on them.



+ Options			
← T →			
	OptionID	OptionGroupID	OptionName
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	1	red
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	1	blue
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	1	green
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	2	S
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	2	M
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	2	L
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	2	XL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	2	XXL

+ Options			
← T →			
	OptionGroupID	OptionGroupName	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	color	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	size	

User table is used to store user information in the database.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	UserID	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	UserEmail	varchar(500)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	UserPassword	varchar(500)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	UserFirstName	varchar(50)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	UserLastName	varchar(50)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	UserCity	varchar(50)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	UserState	varchar(20)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
8	UserZip	varchar(12)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
9	UserEmailVerified	tinyint(1)			Yes	0		Change Drop Primary Unique Index Spatial Fulltext Distinct values
10	UserRegistrationDate	timestamp			Yes	CURRENT_TIMESTAMP		Change Drop Primary Unique Index Spatial Fulltext Distinct values
11	UserVerificationCode	varchar(20)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
12	UserIP	varchar(50)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
13	UserPhone	varchar(20)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
14	UserFax	varchar(20)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
15	UserCountry	varchar(20)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
16	UserAddress	varchar(100)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
17	UserAddress2	varchar(50)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values

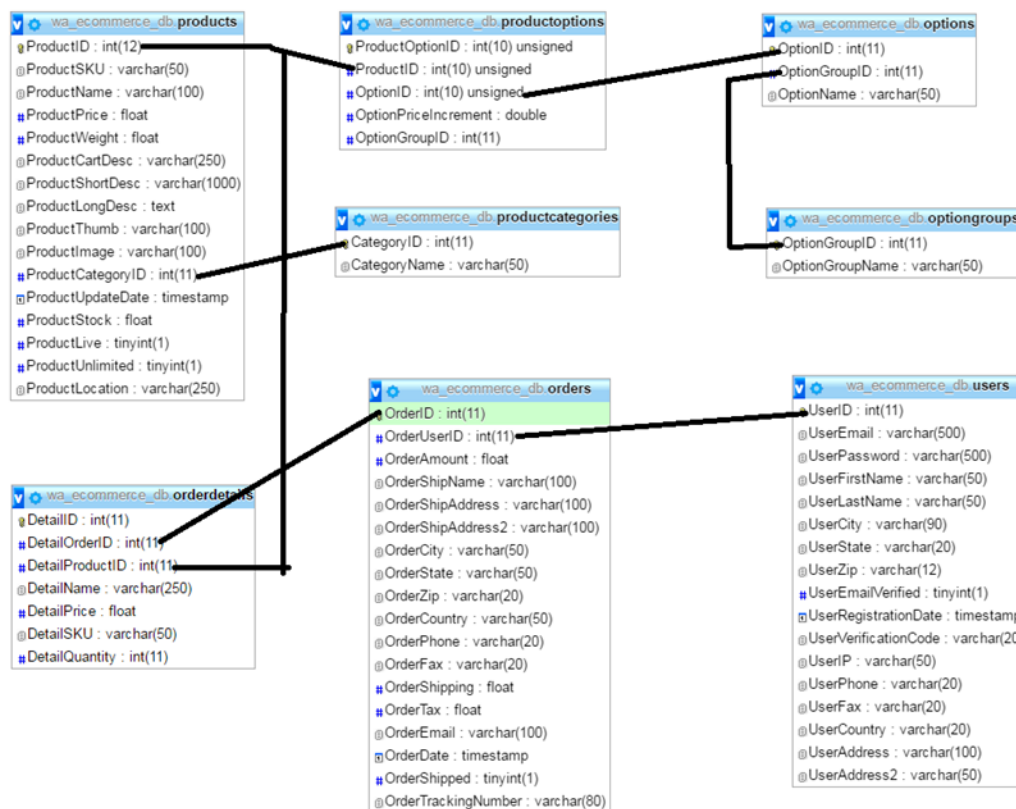
Purchase product and generate unique order number.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	OrderID	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	OrderUserID	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	OrderAmount	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	OrderShipName	varchar(100)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	OrderShipAddress	varchar(100)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	OrderShipAddress2	varchar(100)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	OrderCity	varchar(50)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
8	OrderState	varchar(50)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
9	OrderZip	varchar(20)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
10	OrderCountry	varchar(50)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
11	OrderPhone	varchar(20)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
12	OrderFax	varchar(20)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
13	OrderShipping	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
14	OrderTax	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
15	OrderEmail	varchar(100)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
16	OrderDate	timestamp			No	CURRENT_TIMESTAMP		Change Drop Primary Unique Index Spatial Fulltext Distinct values
17	OrderShipped	tinyint(1)			No	0		Change Drop Primary Unique Index Spatial Fulltext Distinct values
18	OrderTrackingNumber	varchar(80)	latin1_german2_ci		Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values



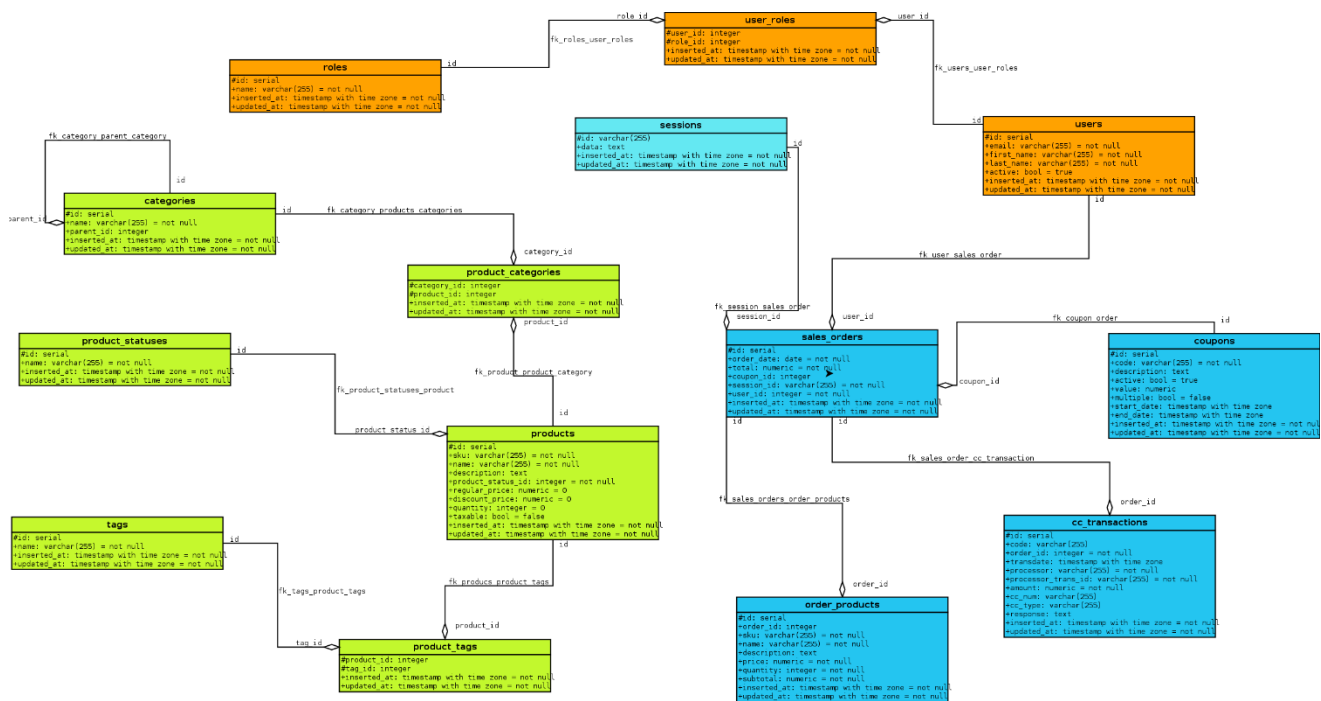
#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	DetailID	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	DetailOrderID	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	DetailProductID	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	DetailName	varchar(250)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	DetailPrice	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	DetailSKU	varchar(50)	latin1_german2_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	DetailQuantity	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Tables Using Relation Diagram



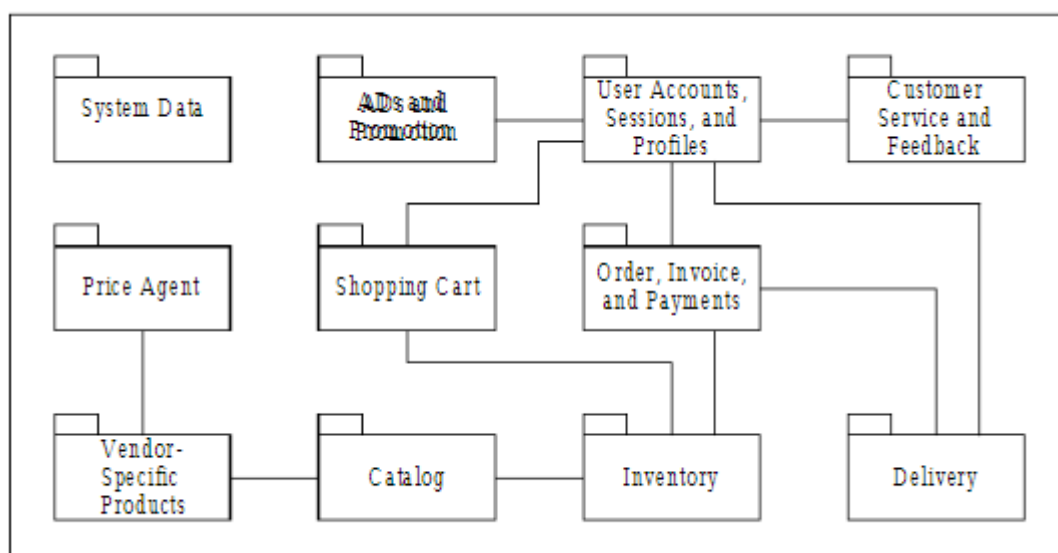


Tables Using Relation Diagram



Database Schema for E-Commerce Systems: High-Level Logical Components

A database schema for a real-world e-commerce system is significantly complicated. Figure shows a package diagram that shows logical components of a typical e-commerce database. The diagram uses the notation of Package used in UML. A package in UML is a construct that groups inter-related modelling elements. In Figure, each package contains one or more related tables.





Package User Accounts, Sessions, and Profiles (UASP) records login ID, password, demographic data, credit/debit card data, customer profiles, and usage history such as the total number of purchases, the total amount of payments, and the total number of returns. The package holds customization data, such as particular items to display, the amount of data to display, and the order of data presentation, and personalization data, such as user purchasing behaviour, statistical data, and reporting data. The package could also be extended to include modules for capturing data for clickstream analysis. The UASP package also keeps various user types such as individual customers, retail customers, user subgroups, buyers, sellers, and various affiliates, depending on the business model supported by the system. Package ADs and Promotion involves tables that are related to advertising, promotion, and coupons. The package tracks which promotions are associated with which sessions, and which ADs are displayed in which sessions. Package Customer Service and Feedback keeps tracks of customer feedback data for each user and order such as type, nature, status, and responses. Package Price Agent contains data about competitions for each product type. The package allows the system to search other online websites that sell the same products and ranks the site names in the order of prices. Package Shopping Cart models a shopping cart and inventory items in the shopping cart. Note that items in the shopping cart may or may not be actually ordered. Thus, the various states of the items must be kept track of. Package Order, Invoice, and Payment (OIP) keeps track of actual orders that are transferred from a shopping cart. The package keeps track of individual order items, discounts, sale prices, commissions, taxes, cancels, and any changes in order states. The package also includes invoice history, payment history, and credit card processing modules. Package Delivery includes shipping address, shipping methods and charges. Packages Inventory, Catalogue, and Vendor-Specific Products are closely related. Vendor-Specific-Products hold the vendor data and products. Inventory lists all the items that are available for sale and their associated tax data. Catalogue is a standardized model that integrates various vendor-specific products in a domain. Since one vendor could use different terminology and format for the same product, Catalogue protects the actual business model from the vendor-specific variations. Catalogue plays a buffer between Vendor-Specific Products and Inventory. Catalogue also needs a dynamic catalogue management module to accommodate new vendors and new products that were not considered in advance. Thus, actual implementation of the program is done against Catalogue and Inventory. Our experience shows that developing a proper schema for Catalogue for a domain is most time-consuming and complex. Package System Data holds various system parameters such as server configuration and access control parameters.



Company Background – About Us

Established as a software company in Tezpur, Assam, UJUDEBUG has established itself as one of the premiere and uniquely customer friendly software solution companies of Assam and the North-eastern part of India. Our traditional business model is based on satisfying the software needs of common people in the digital markets of Assam as well as the whole of India.

UJUDEBUG offers a vast and varied range of complete IT solutions to the clients right from web design to app development. At present, we are focused mainly on software services, embedded systems, web development, mobile applications and training services. But then, one could easily ask, "What's so different about that?" Well, our uniqueness from other such service providers lies in our effort, dedication and commitment towards bringing these solutions to our clients at the most affordable cost and the least bit of hassle and confusion. With our detailed technical knowledge, we create products that are innovative, professional and user friendly.

Simultaneously our team also works with continuous dedication to conceive new solutions and make them sustainable so that we can provide end to end solutions to complex business needs. With our experience and brand value increasing by leaps and bounds each day, we know that our numerous upcoming projects will only add to what we are already. UJUDEBUG imparts its services primarily through its two offices at Tezpur and Guwahati, but we can be contacted from any part of Assam through our numerous correspondents.

We are UJUDEBUG and we love what we do

We develop and provide best software and web applications to many clients across the region. Our profits have increased tremendously owing to the great market demand of our product, which has now become a brand name in itself.

Our custom software development group has developed and delivered over 100+ solutions within the last few years. The applications include product portals, reservation systems, Uju Customer Relationship Management Software, UGST – GST Software for your Shop, UJU Logistics Management Software, UJU HOTEL Management Software, UJU Hospital Management System, UJU Green Leaves Management, UGYM Management, PharmaUJU Pharmacy Software, UJU Stock and Inventory Management, Executive Information Systems, Operations Support Systems, telecom voice over IP solutions, Smart Phone applications, GPS and mapping applications, reporting management systems, Customer Relationship Management solutions, time tracking systems, Video Streaming Applications, payroll processing systems, and digital printing solutions to name a few.



We make sure that our employees are trained on the latest trends, tools, and technologies. Another endeavour is to have the latest machines and tools so that our product is latest and cost effective.

Training sessions are conducted by experts to train our staff on new skills and technical facts. Such sessions have proved useful in the past and we plan to conduct them on a regular basis. To make sure that our staff works with complete dedication, we offer them various incentive and other schemes.

With our vast array of software development, product development, and e-learning application development experience, we believe the creation of a robust, user friendly and functionally rich software solution is a risk-free proposition for UJUDEBUG and Client. We are confident that we will be able to create an exceptional system that will meet and exceed Client's expectations and vision for the proposed web application.

Mission

The mission of UjuDebug is to bring great ideas to life and nurture the perfect recipe for complete customer satisfaction combined with quality product delivery, the perfect company-customer relationship, excellent service provisions and the least range of costs. We believe in happy customers and together we will take the world by storm.

Vision

The vision of UjuDebug is its name itself. - "Uju" an Assamese word, which translates to "Easy" in English and "Debug" a word common to us coders, meaning detection and removal of errors. Ujudebug envisions a world where IT solutions are no longer Greek anecdotes to the layman. We prefer to maintain excellent communication with our customers and make life easier for them. We vote for happy customers and a happy customer votes for UJUDEBUG.