

USER BASED UNIQUE PLATFORM FOR SOCIAL NETWORKS E-COMMERCE AND UTILITIES

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Abstract: Basically there are few social network sites that connect a large amount of people around the world, Email accounts, bank accounts, E-Commerce accounts etc., for a single user. All social networking sites differ from each other based on various components such as Graphical User Interface, functionality, features etc. Many users have virtual identities on various social network sites, different Bank accounts, Email accounts thorough mobile identity and email. It is common that people are users of more than one social network and also their friends may be registered on multiple social network sites. User may logging in to different social networking sites at different timing, so user may not find his friends online when he log in to the particular social networking website.

Keywords: Authentication, Bank Accounts, Customized. Email, Social Networks, Unique Profiler

Introduction: Approaching a new technology to made user friendly application with all security factors for email accounts and Banking accounts, one user has to remember so many user names and passwords every time. To overcome this issues our proposed system will bring together online friends on different social networking sites into a single integrated environment and all email accounts, bank accounts active. This would enable the user to keep up-to-date with their virtual contacts more easily, as well as to provide improved facility to search for people across different websites. In this project, we propose a method to identify users based on profile matching. To match profile we evaluate the importance of fields in the web profile and develop a profile comparison tool. By using this profile comparison tool user can easily find out other friends who are available on different Social networking sites. This system is a web application where user will register himself and asked him to provide complete details of his banks, email accounts, social media

accounts to which he wants to integrate in this environment. User will logging to the system using his user id, password and OTP which is sent to his mobile number to which he/she is given at register time. User can view his friends who are online on different social networking sites, his email accounts, and to compare products on different e-commerce portals, bank accounts, pending bill status, etc., in single integrated environment. User can view all this accounts provide by him in this integrated system with only on user ID and Password. This environment also provide security for all his accounts by making the password encrypted and generating random OTP which will even expire after certain time. The sustainability of this method can provide user friendly nature to the user. The UniqueProfileR is the system which makes Profile based Login which contains separation algorithm. Includes,

1. Application Interface login
2. Specified Website Login with password only
3. Customized OTP feature

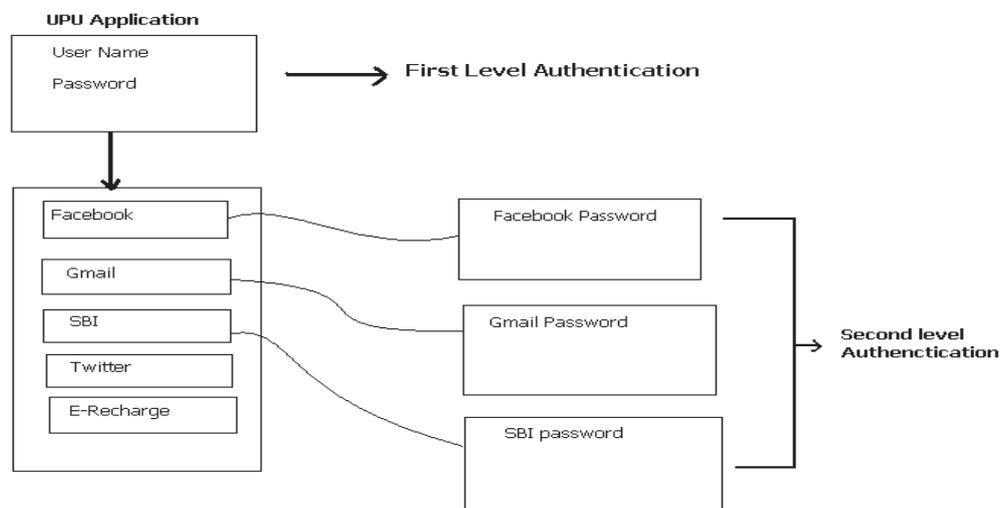


Fig 1.0

Features: This Application includes following features with User acceptance and by default also.

- E-commerce Matching
- Friends Availability over Networks

- Session Management
- Multi Sharing across Mailing
- Peer to Peer Communication
- Economical Searching parameters
- Optimized Query Based Performance
- OTP facility for high confidential tasks

Let us see the Elaborated Concepts

1. **E-Commerce Matching:** Parallel cost matching of product across multiple ecommerce sites will give user an instant decision. So, user can follow our matching system which has 90% accuracy.

2. **Friends Availability Over Networks:** Our application mentions the User about their friends status (Online / offline) across multiple Social networking portals like Facebook, Twitter, Gtalk, etc,. No need of checking particularly by visiting the specified site

3. **Session Management:** Interface can manage sessions in a convinced way to get rid of session expiry without Intimation. Our Application provides External session availability for each profile (user). User can get an alert for each transaction / visit time in specified sites.

Customized Session Management

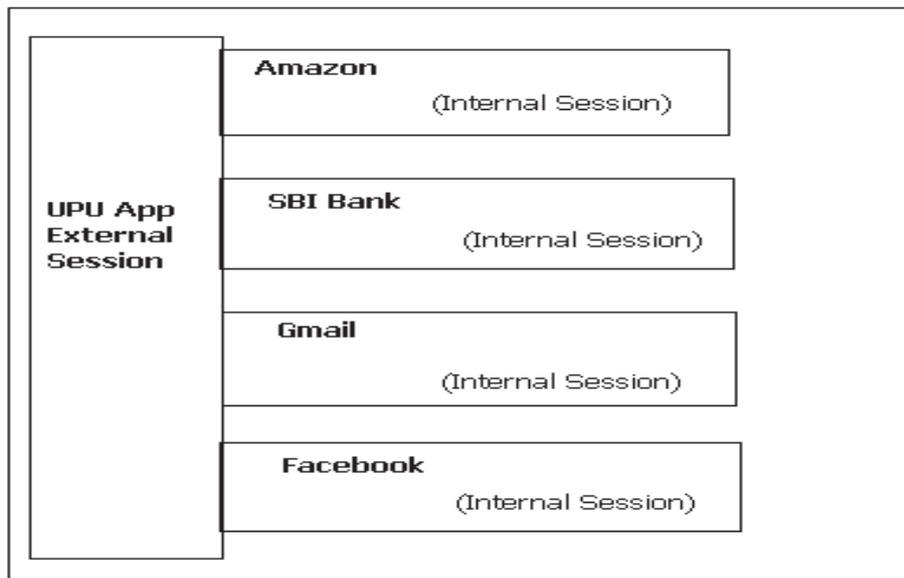


Fig 2.0

4. **Multi Sharing Across Mailing:** This System preserves capability of sending a mail from different mail servers at a moment without External login for the more email servers. Ex. We can send a mail from the Gmail and Yahoo from the same window by capturing the contacts into the cache memory. Sending Email is subject rules under the security and malware protection.

5. **Peer to Peer Communication:** The peer-to-peer applications allow users to control many parameters of operation: how many member connections to seek or allow at one time; whose systems to connect to or avoid; what services to offer; and how many system resources to devote to the network. Some simply connect to some subset of active nodes in the network with little user control, however.

6. **OTP Facility for confidential:** User can set OTP for Third level OTP security system. One-time

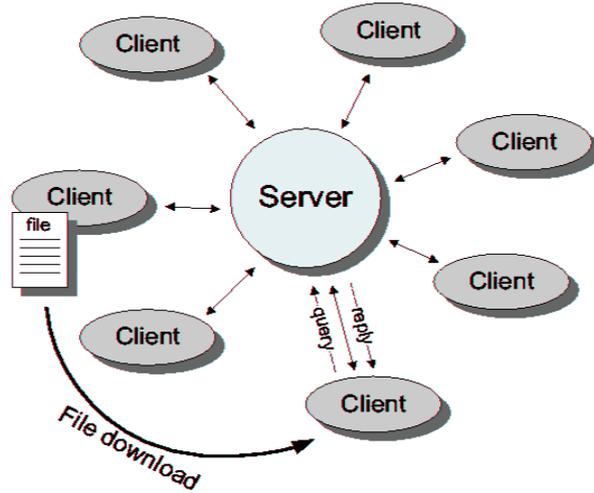
password (OTP) is a password that is valid for only one login session or transaction, on a computer system or other digital device. OTPs avoid a number of shortcomings that are associated with traditional password-based authentication; a number of implementations also incorporate two factor authentications by ensuring that the one-time password requires access to something a person has valid code.

Unique Profile R: In our UPU application, main stream is under to control the user customizations. So, here the indexing considered as mobile number and username as composite primary key. For example, Let's say we have two tables T1 and T2.

T1 has the columns C1 and C2.

T2 has the columns C1, C2 and C3

C1 and C2 are the composite primary keys for the table T1 and foreign keys for the table T2.



Let's assume we used a surrogate key for the Table T1 (T1_ID) and used that as a Foreign Key in table T2, if the values of C1 and C2 of the Table T1 changes, it is additional work to enforce the referential integrity constraint on the table T2 as we are looking only at the surrogate key from Table T1 whose value didn't change in Table T1. This could be one issue with second approach.

Customized browsing can change the default colors for text, background, or links, and change the default font styles to make the content easier for you to distinguish and read. Several web browsers provide

simple options for defining such color and font schemes, including options to reuse the color schemes of the operating system, in case you already defined custom settings. Some web browsers also provide high color contrast schemes you to override the presentation style of the website using custom "style sheets". While this is approach is quite powerful, it is not easy to set up and may require guidance or assistance by someone with technical skills.

In our schema, the general record structures will be like

User Name	Email	Mobile	Session Time
XXX	xxxyyy@xyz.com	87xxxxxx83	512s
YYYY	yxxv@xyz.com	8897787822	6500s

Tab 1.0

Here the three attributes are unique, so no one profile is getting ambiguous with anonymous session.

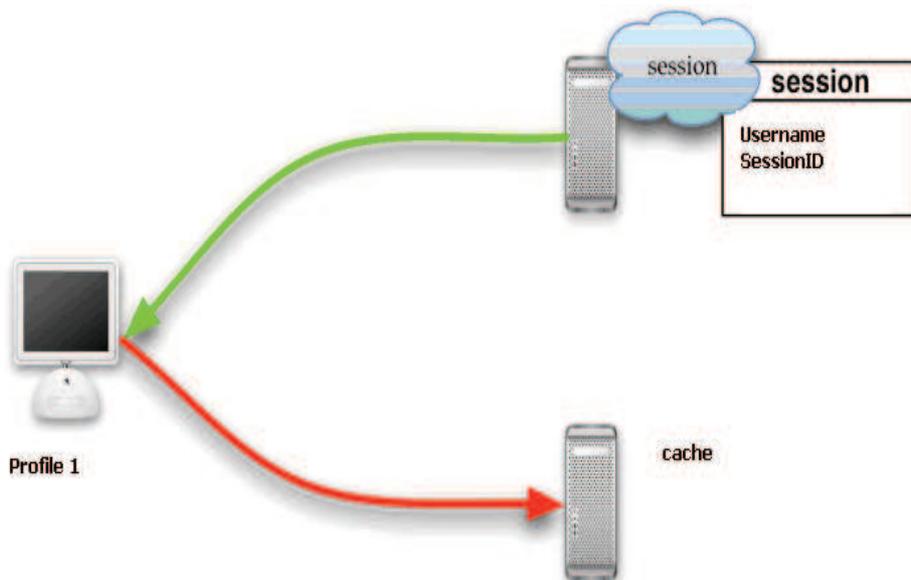


Fig 2.1 As per the image the cache location UPU app, will behave as Offline storage for the Emails and contacts.

Future Enhancements: Upcoming version of UPU will have geographical availability for auto login to the nearby networks and sync between mobile and web storage.

- General Exception Maintenance
- Voice based Operations
- Autonomous Performance

Conclusion: In our Application, user can access all the functionalities which are mentioned in 'Features' section. In this project, we propose a method to identify users based on profile matching. To match profile we evaluate the importance of fields in the

web profile and develop a profile comparison tool. By using this profile comparison tool user can easily find out other friends who are available on different Social networking sites.

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