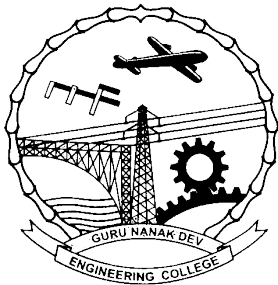


Office Automation- “Ingenuity at work”



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Guru Nanak Dev Engineering College

December 27, 2012

Computing

Computing is defined as Counting Calculating using the devices. The origin of computing started with early man who used fingers, stones, sticks, marks on walls, sand etc.



Origin of Computing

Ancient Counting and Calculating devices are :

- Abacus
- Napier's Bones
- Slide Rule



Abacus

- Developed in 3000 B.C by chinese.
- Built with wood beads.
- Used in schools shopkeepers.



Napier Bones

- In 1617, Napier invented 'Napier's Bones'.
- Multiplication tables were written on bones, ivory, silver, wood.
- Simplified multiplication, division, square roots cube roots.



Python

- Dynamic & powerful programming language.
- Easy language to work on.
- High level programming.
- Platform Independent.
- OSI-approved open source license.
- Often used as a scripting language.



Django

- Open source web application framework.
- Written in the Python programming language.
- Follows the Model View Controller architectural pattern.
- Ease the creation of complex, database-driven websites.
- Emphasizes re-usability.

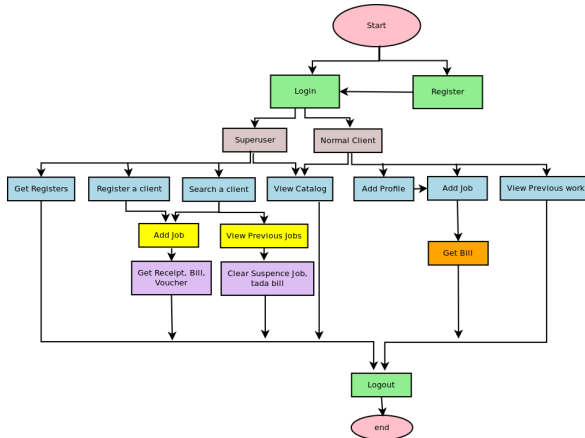


Features of the Software

- Open Source
- User Interactive Software
- On-line
- Dynamic
- Role dependent interface
- Product/Catalog
- Distance Calculation through map
- Search module
- Universal (Can be changed according to application/work)
- Report generation
- Single click installation
- User and developer documentation



Work Flow using Software



Future Scope

Still there are many more things or areas which can be added to the project to make it more reliable. These remaining areas may be:

- Receive the payment on-line through e-billing.
- Managing the labs work through software.
- SMS Service.
- Module to fax the documents automatically to the Clients/Employee.



Any Question?

Thank You ● ● ●