

# Torino, a pretty theme for $\text{\LaTeX}$ Beamer



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# Objective



To show ingenuity everyday through Softwares' high level of performance and provide solutions to help clients improve internal processes, save money and deliver results. That is “ingenuity at work” .





## Why Automation?

- Reduce paper work.
- Automatic calculations.
- Less man power.
- Increased efficiency, accuracy.
- Handle a work more faster.
- Backup record.
- Less storage space is required.



## Existing System

- Software uses Intra-net in the office for the employees.
- No Search module to find the existing clients.
- Database is not normalized.
- Amount for the work of client is manually calculated and added by the employees.
- Reports were not generated automatically.



## Tools Used

- **Operating System** : Linux
- **Framework** : Django
- **Languages** : Python, Bash Scripting
- **Web Languages** : HTML, CSS, Javascript
- **DBMS** : MySQL
- **Debugger** : Django debug
- **Text Editor** : Gedit, Vim
- **Documenter** : Doxygen
- **Version Control** : Github
- **Web Server** : Apache



# 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.

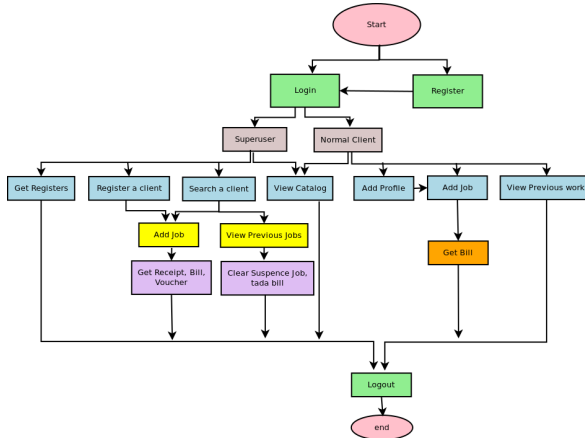


# Features of the Software

- 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* ● ● ●