

# LaTeX:SIMPLE EDITOR

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# ABSTRACT

. It's a project related creating a simple editor for LaTeX.  
LaTeX is a high-quality typesetting system. It's used to create Documents, Presentation etc. The easy button, syntax helper, easy presentation are available.

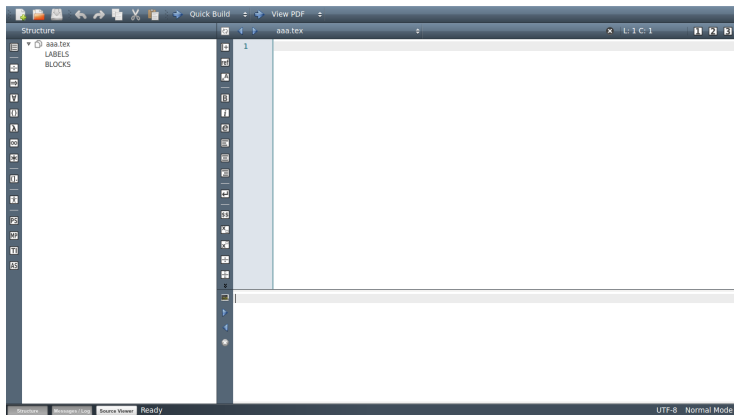
# PROOF OF CONCEPT

- Usage of LaTeX is increasing day by day.
- Creating document in LaTeX is difficult for beginners.
- Newbies need a simple editor for LaTeX.

# EXISTING SYSTEM

- We used different existing LaTeX editors.
- It will be very easy and helpful for a known user.
- Existing system has features like spell check, wizard, auto complete etc.
- It is difficult for a beginner to use.

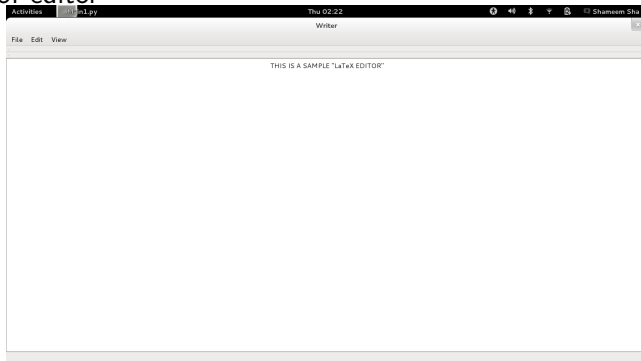
# TEXMAKER:



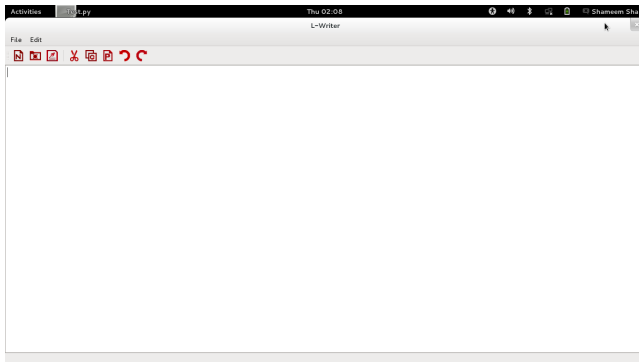
# PROPOSED SYSTEM:

- Primary aim is to make it 'simple'.
- Include essential features.
- System UI should be familiar to user.
- Easy access to LaTeX features.

# Outline of editor



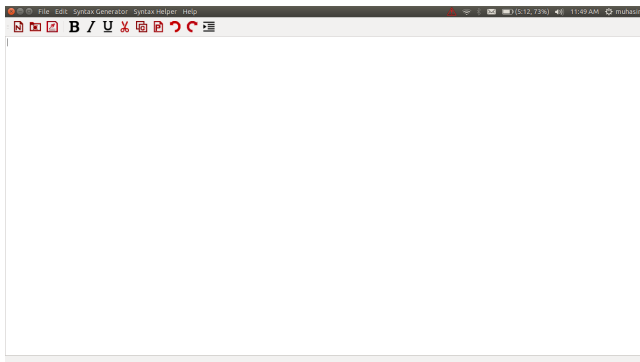
stage 1:



stage2:



stage3:



# PHASES OF PROJECT

- ① Project launch
- ② High level design.
- ③ Implementation.
- ④ Integration and testing.
- ⑤ Post-mortem.

# PROJECT LAUNCH

Identified and reviewed the project goals.  
Divided and assigned the goals among us.  
Adapted the required software development process.  
Merged the plan for each team member to form a team plan.

# HIGH LEVEL DESIGN

External specification of components are developed.

# IMPLEMENTATION

Created a model.

- Analysis.

- Design.

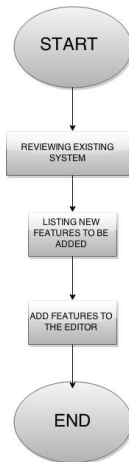
# INTEGRATION AND CODING

Implemented the code using python.  
Tested.

# POST-MORTEM

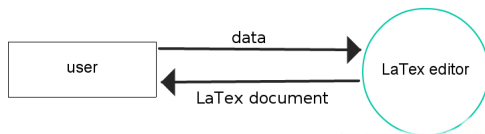
Took a keen observation and fixes the errors.  
Smoothens the appearance.

# WORK OF FLOW

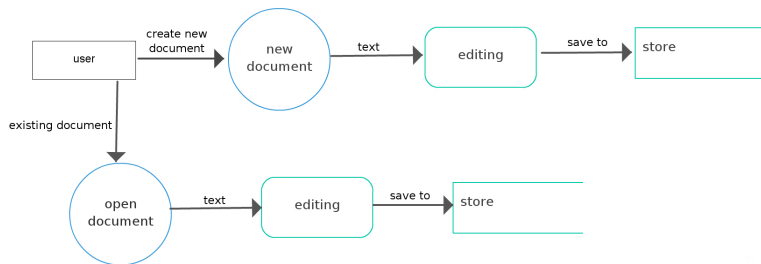




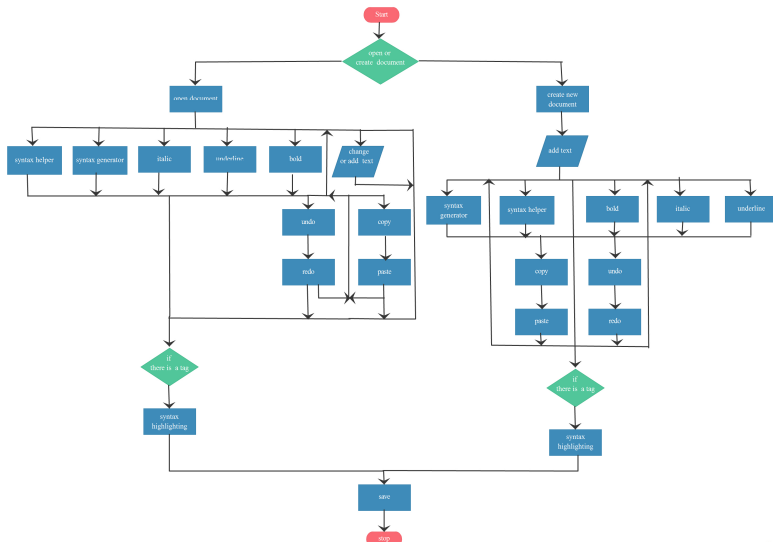
# DATA FLOW



# DATA FLOW



# CONTROL FLOW



# CONCLUSION

- This project about creating a LaTeX editor.
- Objective of project is to make editing process simple.
- Include a compiler.

# REFERENCES

`.http://www.xmlmath.net/texmaker/`  
`http://www.maths.tcd.ie/~dwilkins/LaTeXPrimer/`  
`http://straightedgelinux.com/blog/python/html/pyqtxt.html`  
`http://www.xiconeditor.com/`