**Advanced Software Engineering**

**Note Taking Application**

**First Iteration Demo**

**Team: Code Phoenix**

**Project Mentor - Fujunku Chen**

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**Team Members:**

ag4015 (Aviral Gupta)

ag4020 (Arjun Gupta)

smk2256 (Sachin Kelkar)

**Date and Time of Demo:**

November 1, Thursday between 2-2:20 PM

The demo went smoothly and there were no challenges as such.

**User Stories Demonstrated during Demo:**

1. *As a user, I want a note-taking mechanism that allows me to take notes right in the shell which I am using for development/general use. This avoids the overhead of using a separate application and saves time. Along with notes, I want the app to handle my events, to do lists, reminders, etc. My conditions of satisfaction are -*
   1. *Should have an interface to quickly launch the app and take notes.* ***DONE***
   2. *Should support multiple types of notes (Note, Event etc).* ***DONE***
   3. *Before starting any note, I should be asked to select the type.* ***NEXT ITERATION***
2. *Since the notes would be stored locally on my machine as well (for offline use), keeping privacy in mind, I want the app to store my notes in some kind of an encrypted format. My conditions of satisfaction are -*
   1. *Notes should be encrypted with a key of my choice.* ***DONE***
   2. *Notes shouldn’t be available to read in any case without a key.* ***DONE***
   3. *I should be informed in case the key I entered is incorrect.* ***DONE***

***Changes Proposed***

1. *Password Recovery Mechanism to be incorporated in Next Iteration.*

**CI Mechanism:**

We used pytest as our unit testing tool and pylint as our static analysis and bug finding tool.

We ran the above tools in the pre-commit and also on TravisCI after every branch push, pull request and merge on master.

**GitHub Repository:**

<https://github.com/s4chin/coms_4156>

**Version Shown during Demo:**

<https://github.com/s4chin/coms_4156/tree/first-iteration-final>