**Windows programming**

Final project requirement

Quick note

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**Software Engineering Department | FIT**

# Requirements

**Write a program that helps user save text notes quickly.**

**Main functions**

+ User press a shortcut key (like **Windows + Space**), a dialog will appear. Two textboxes are there: a textbox for typing the note and the other for tags.

+ User types the note, enter multiple tags, seperated by commas (“,”) then click Save.

+ User can browse through all the notes or browse by tags.

+ Do statistics and draw chart based on tags and the number of corresponding notes.

**Basic main success scenario flow**

1. (4 point) User launches the app. An icon will be added to notification area.

+ User can right click on it to see menu: **View notes, View statitistics, Exit**.

**- Exit** menu, of course, will exit the app. (0.5 / 2. The points are just for menu command only)

**- View notes**: A listbox / tree view will display all the tags, each tag has the number of notes corresponding with it.

When click on a tag, a list of all notes will be displayed briefly (around first 50 characters for preview) in a listbox or listview.

When click on an item on listbox / listview, the full content of the note will appear on a dialog or textbox. (3 / 4)

**- View statistics**: Display chart based on tags and number of corresponding notes. (0.5 / 4. The points are just for menu command only)

2. (1 points) User presses the shortcut key (like **Windows + Space**), a dialog will appear.

3. (2 points) User types the note, enter multiple tags, seperated by commas (“,”) then click Save.

+ (1 point) **Bonus**: Tags are suggest based on priority of appearance frequency.

4 (2 points) After a while of using our app, user can see the statistics chart based on tags & corresponding number of notes.

# Deliverables

+ **Source code**: a **folder** contains the student source code. Please clean the solution before submission to removed intermediate files of building process.

+ **Release**: a **folder** contains an executable (\*.exe file) that is built from source code.

+ **readme.txt**: a **text file** contains additional information

* **Personal information**: Student must provide **ID**, **Full name, Email**. Telephone is optional in case of emergency contact.

- **App usage**: Student must list all the functions that you have done here. Main success scenario and additional flows are needed for teachers to assess clearly your work.

- **Video youtube demo link**: Student must create a video demo on how to use his app and upload to youtube but submit back youtube link only.

**-- END --**