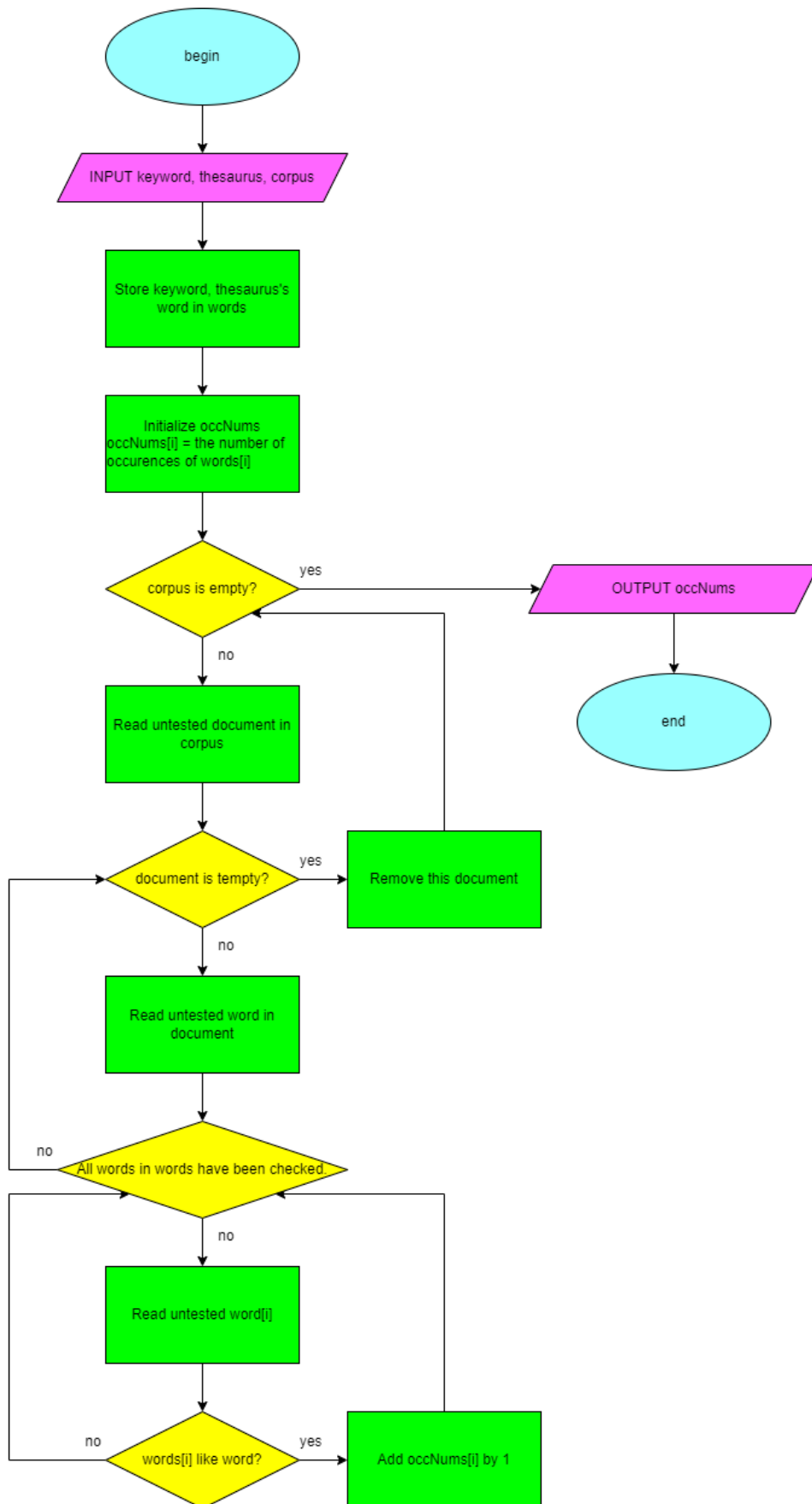**University of Information Technology, VNUHCM**

Peer-graded Assignment: Project Part 2: Describing Algorithms Using a Flowchart

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TP. HỒ CHÍ MINH, 2021

```
                    begin

                       │
                       ▼
         INPUT keyword, thesaurus, corpus

                       │
                       ▼
          Store keyword, thesaurus's
              word in words

                       │
                       ▼
             Initialize occNums
          occNums[i] = the number of
          occurences of words[i]

                       │
                       ▼
                                    yes
          corpus is empty?  ──────────────────►   OUTPUT occNums
                  │ ▲                                      │
                  │ │                                      ▼
                  │ no                                    end
                  ▼
          Read untested document in
                 corpus

                       │
                       ▼
                                yes
          document is tempty?  ──────►   Remove this document
                  │
                  │ no
                  ▼
          Read untested word in
               document

                       │
                       ▼
     no
    ◄──── All words in words have been checked
                  │
                  │ no
                  ▼
          Read untested word[i]

                       │
                       ▼
     no                       yes
    ◄──── words[i] like word?  ──────►   Add occNums[i] by 1
```

-----------------------**Hết**----------------------