Assignment 1: Jodel Alert

Software Engineering - Design
- 2DV603

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1   Domain Analysis Document

1.1   Introduction

Words from our customer: Jodel is a new anonymous social app targeting students and campus life. Some questions and comments posted there are specifically related to things that the Student Union deal with, i.e. questions about accommodation, what rules apply when writing an exam, if you need a student ID to get into the pubs etc. We'd love to comment on such questions, but they are far between and we haven't got time to monitor the feeds so if possible it would be great to have functionality that could tap into the Jodel API and send e-mail alerts if relevant keywords show up; similar to Google Alerts or Meltwater.

We are supposed to create an application that will listen for keywords entered in posts in the Jodel application, and when keyword found an email will be generated and sent to Linnéstudenterna. They will then know that a post has been made that regards Linnéstudenterna and can act upon.

2   Assignment 1

Requirements

3   Problem

4   Background information

5   Environment and system models

Figure 5.1: Jodel logo

6   Functional requirements

1. When a keyword is used in a Jodel post, Linnestudenterna will receive a mail

2. Keywords should be able to be removed

3. Keywords should be able to be added

4. Keywords should be able to be changed

5. Added keywords saved between sessions (i.e saved on local host if you restart the app)

6. Recipient email should be able to be removed

7. Recipient email should be able to be added

8. Recipient email should be able to be changed

7 Non-functional requirements

1. App will continuously scan Jodel traffic

2. When a keyword has been found, email should be sent within 2 seconds