Daily

The Royals - Group 11 - June 16, 2020

#### CEN 4010 Principles of Software Engineering, Summer 2020

b) Document name: Milestone 1 Project Proposal and High-level description

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| # | Date | Person(s) | Comment |
| 1 | 6/12/20 | Okan & Alec & Devante & Andrew | First Draft |
| 2 | 6/13/20 | Andrew | Formatting, Team & Checklist |
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Executive Summary

“Something to Talk About” – when people are isolated, they need their friends. But when their lives don’t consist of any activities, it’s hard to come up with things to talk about. That’s why this site will provide a user with a customized experience, providing them the most interesting current topics. Our app will pull from the news, from Reddit, TikTok, digg.com, etc.

Competitive analysis

The biggest competitor to our proposed project is Facebook. Facebook provides users with a stream of posts shared by a user’s friends. The other major competitor is Instagram.

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| --- | --- | --- | --- |
|  | FaceBook | Instagram | Ours |
| Log In / User ID | Yes | Yes | Yes |
| New Posts every day | Yes | Yes | Yes |
| Posts from different sources | Yes | Yes | Yes |
| Trending posts | Yes | No | Yes |
| Customized feed | Yes | Yes | Yes |
| Stupid pictures of people’s food | Yes | Yes | No |
| Annoying posts about people bragging about themselves | Yes | Yes | No |
| Face filters to make you look like a dog or really old or really young | Maybe | Maybe | No |
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Data definition

Overview, scenarios and use cases

An initial list of high-level functional requirements

List of non-functional requirements

High-level system architecture

* Software Products / Tools
* Languages / Systems
  + Python
  + PHP
  + Java
  + HTML
  + CSS
* APIs
* Supported Browsers
  + Chrome
  + Firefox
* Framework (UI and Cross-Platform)
* External Code References

Team and Checklist

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| --- | --- |
| Okan Gunay Initial Role - TikTok/Api hook | |
| Alec Balais Initial Role - Chatbot | Jake Nguyen Initial Role - |
| Devante Rose Initial Role - Website | Andrew Vladelshchikov Initial Role - Login  Follow-up Role - Mobile App |

* Team decided on basic means of communications
  + WhatsApp & Webex
* Team found a time slot to meet outside of the class
* Front and back end team leads chosen
  + Front end -
  + Back end - Andrew Vladelshchikov
* Github master chosen
* Team ready and able to use the chosen back and front-end frameworks
  + Front-end -
  + Back end - Andrew Vladelshchikov
* Skills of each team member defined and known to all
  + Okan -
  + Alec - Machine learning
  + Jake -
  + Devante - Web development
  + Andrew - Java, PHP, Python
* Team lead ensured that all team members read the final M1 and agree/understand it before submission

Working with GitHub

Deliverable