**REPORT NO.1**

**INTRODUCTION**

**Team 11**

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# 1. Project Information

* Project name: **Q&A Platform for Educators**
* Project Code: **QAPT11**
* Product Type: **Web Application**
* Start Date: **May 11th, 2015**
* End Date: **August 11th, 2015**

# 2. Introduction:

This project is a Q&A Web application where students and lectures can exchange information and other educational materials. Students can learn more things about the subject from posts of lectures or find the answers from other people.

We suggest using Java on server-side and JavaScript combined with Note JS on client-side to create a real time web following the requirements:

* Real time notification
* Real time in discussion

# 3. Current Situation

Learning is a key to fix a lot of problems and the system will help users about that. The main users of the system are students and lecturers who always want to increase or spread their knowledge about everything. On the right side, the system is the best way to learn more after school for students have many questions to ask but they don’t have time or for lectures want to teach their students more about the subjects because of lacking of time or prove that they are good lectures.

# 4. Problem Definition

We are a new team with different skills on coding and might different styles of teamwork. Therefore, early we will get some problem during works:

* Lack of experience on coding Web application using JavaScript combined with Note JS.
* Misunderstanding the requirements leads to wrong scope.

# 5. Proposed Solution

* Learning and practicing coding Web application using JavaScript combined with Note JS
* Ask Instructor and study more about the requirements

## 5.1 Feature functions

* Learning from Internet and practicing with the most skilled member in team.
* Take more time and get more questions to ask before we contact to Instructor.

**5.2 Advantages and disadvantages**

* Advantage: All problems are solved.
* Disadvantage: Cost a lot of time.

# 6. Functional Requirements

Function requirements of the system are listed as below:

**\*For Teachers:**

* Create classes
* Create a post. Post types include: articles, questions, answer, and upload material
* Invite other teachers to answer questions in the classes
* Invite students to join the discussion in a class
* Track students’ questions to see which topics a student is less known about
* Real time notification
* Real time in discussion

**\*For Students:**

* Create a post: articles, questions, answer
* Manage learning materials: allowing students to create folders to store different kinds of studying documents
* Real time notification
* Real time in discussion
* Follow a teacher
* Send a request to join in a teacher’s class
* Note: the editor must support an easy way to add mathematic equation, code highlighting besides other normal text formatting
* Suggest related posts

# 7. Role and Responsibility

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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