MM Barnes (12030466)

ZP Bloom (12236722)

D Doman (11002566)

M Ellis (12019837)

Z Groenewald (12265676)

MK Johnston (12053300)

GA Lamusse (12206050)

CJ van Rooyen (29052735)

Group 1

Authentication and Integration

Project progress report

COS 301

2014

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## Group 2 – Web Services

Person in Charge: Zenadia Groenewald

### What have we done?

### What still needs to be done?

### Issues and challenges encountered

## Group 3 – LDAP Integration

Person in Charge: Michael Johnston

### What have we done?

Everything that was required has been completed. APIs for the LDAP services are specified, and data is extracted from LDAP itself. The module provides its API to the business logic module.

### What still needs to be done?

More unit testing.

### Issues and challenges encountered

The team needed time to learn Python and Django, as well as how to integrate them. They also needed to understand how the Department of Computer Science’s LDAP server works. The group also found it difficult to communicate effectively with the groups that they depend on and that depend on them.

## Group 4 – Business Logic

People in Charge: Mathys Ellis

### What have we done?

### What still needs to be done?

### Issues and challenges encountered

## Group 5 – Reporting

Person in Charge: Dieter Doman

### What have we done?

### What still needs to be done?

### Issues and challenges encountered

## Group 6 – Android Application

Person in Charge: Melany Barnes; Cornelius van Rooyen

### What have we done?

By Friday 11 April Android App had a lot of different Apps that they demoed instead of just one App. We managed the Android team by asking them to come to campus on Saturday 12 April. They were not happy with this decision, but 3 of the 8 members pitched. These members started from scratch and created a base project which all of their members could get from git to add functionality to. We then told Android App that their deadline is Monday night at 12pm to which the group agreed to. Android App held their part of the deal by providing us with a 90% functioning app. We got android to keep working on improving their app. They did make a lot of improvement.

### What still needs to be done?

We need to get Android to fully integrate with Web services and properly handle cookies. The communication between Android App and Web Services still need work. With the communication we mean the way that json objects are sent from the Android App to Web Services and vice versa.

### Issues and challenges encountered

We found it very hard to get Android App to understand that demoing a lot of different apps does not mean that they have a great app that is integrate able. Since they did not have an app that can possibly be integrated we had to get them to start working on the app earlier than the other groups. We had a hard time getting the Android App group to come to campus on a Saturday afternoon. Some of the group members became very defensive and refused, without a solid reason, to come to campus. The 3 members who did attend that Saturday afternoon took 4 hours to get a working base that they could share with the rest of their group. This was very frustrating because something that they had to have for the previous demo was not done and now wasted 4 hours. Some of the Android App members refused to start working before Monday morning, which made our group sceptical that they would be 90% done by Monday night. The Android App group worked very hard on Monday and surprised us with the amount of work that they got done by working together as a group. We asked Android App to please come early Thursday morning (17 April). After nagging them and explaining to them that we need them to be there early so that we have time to fix integration problems between Android App and Web Services, their members only started pitching at 11:30 which was only 4 hours before our deadline. It was not enough time for Android App to get cookie sessions working on their side and to fix the communication problem between them and Web Services.

## Group 7 – Web Application

Person in Charge: Gerard Lamusse

### What have we done?

### What still needs to be done?

### Issues and challenges encountered

## Group 8 – Data Importing and Exporting

Person in Charge: Zane Bloom

### What have we done?

### What still needs to be done?

### Issues and challenges encountered