BAOBAB

PLANT US & WE'LL GROW

Document: Burn Down And Velocity Chart

Project: Group Chat For Linphone (Agile DO-178)

Date: October 15, 2015

Patience Mtsweni, Lerato Molokomme, Tsepo Ntsaba, Mpedi Mello, Lutfiyya Razak, Ephiphania Munava

1 Introduction

Scrum Product Backlog is a list of all things that we needed to implement within the project. It replaces the traditional requirements specification artifacts.

2 Project Details

System name affiliation of all stakeholders	
System name	Linphone Group Chat
Stakeholder	Kobus Coetzee
Scrum master	Potego Mello
Client representative	Patience Mtsweni
UX developer	Lutfiyya Razak and Lerato Molokomme
Backend developer	Ephiphania Munava and Potego Mello
Crypto developer	Tsepo Ntsaba
CI / CD support	Patience Mtsweni

3   Task Description

Story Name	Task Description					
	Task Number	Task Description	Status	Estimated Effort (in Hours)	Actual Effort (in Hours)	Effort Remaining (in Hours)
Environment Setup	1	Linux	Done	1	5	0
	2	Eclipse	Done	0.2	0.2	0
	3	Android SDK	Done	0.2	0.2	0
	4	Android NDK	Done	0.2	0.1	0
	5	Android eclipse ADT	Done	0.2	0.1	0
	6	C Compiler	Done	0.2	0.1	0
	7	Clone Linphone project recursive	Done	1	38	0
	8	Compile project	Done	2	48	0
Setup CI Travis	9	YAML File	Done	10	26	0
	10	Python File	Done	48	23	0
Setup CD	11	Devices Deployment	Done	12	0.1	0
Group Chat Interface	12	Activity for Each Screen	Done	60	83	0
	13	Group Chat functionality Icons	Done	20	15	0

Table 1: Task Description 1

4   Burn Down Chat

Story Name	Task Description					
	Task Number	Task Description	Status	Estimated Effort (in Hours)	Actual Effort (in Hours)	Effort Remaining (in Hours)
Select Participants	14	List Member Usernames	Done	5	8	0
	15	List Member SIP Addresses	Done	5	8	0
	16	About Button	Done	2	0.5	0
Welcome Screen	17	Help Button	Done	2	0.5	0
	18	Logo	Done	0.5	2	0
	19	Group name	Done	2	2	0
Select Group Details	20	Group icon	Done	2	2	0
	21	Exit group icon	Done	2	2	0
	22	Add participants	Done	2	4	0
Type Message	23	Type Message	Done	2	4	0
Send Message	24	Send Message	Done	2	4	0
Receive Message	25	Receive Message	Done	2	4	0
Record Voice	26	Record Voice	Done	2	4	0
Send Record Voice	27	Send Record Voice	In progress	2	4	0
Receive Record Voice	28	Receive Record Voice	Done	2	4	0

Table 2: Task Description 2

Story Name	Task Description					
	Task Number	Task Description	Status	Estimated Effort (in Hours)	Actual Effort (in Hours)	Effort Remaining (in Hours)
Send Encrypted Group Messages	29	Send Encrypted Group Messages	Done	2	4	0
Receive Encrypted Group Messages	30	Receive Encrypted Group Messages	In progress	2	4	0
Send Encrypted Pictures	29	Send Encrypted Group Messages	In progress	2	4	0
Receive Encrypted Pictures	30	Receive Encrypted Group Messages	In progress	2	4	0
Send Encrypted Record Voice	29	Send Encrypted Group Messages	In progress	2	4	0
Receive Encrypted Record Voice	30	Receive Encrypted Group Messages	In progress	2	4	0

Table 3: Task Description 3

5   Velocity Chart