

Awake+

Mikhail Chowdhury, Jordan Peters,
Justin Schiller & Sam Skolnekovich

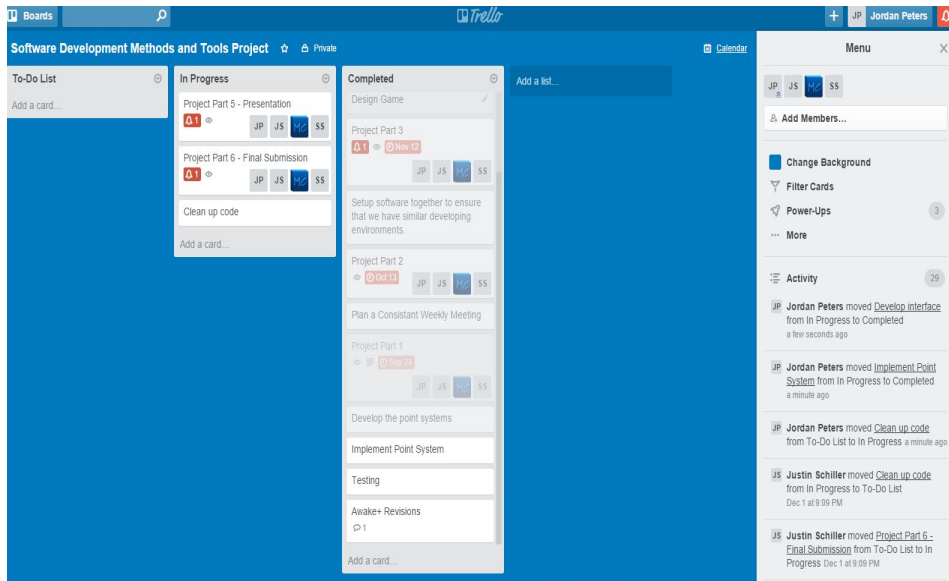
Project Overview

- ★ Android app
- ★ Gamified alarm
- ★ Don't snooze, earn points
- ★ Redeem points for coupons

Tracker: Trello

Rating: 1

- Bad for small projects
- Potentially useful with larger teams
- Not enough functionality



29 commits

1 branch

0 releases

3 contributors

Branch: master

New pull request

New file

Find file

HTTPS

https://github.com/mchowdhury

Download ZIP

Phantom1771 Merge branch 'master' of https://github.com/mchowdhury/CSCI-3308

Latest commit 37ccd42 2 days ago

Awake+	Created the rewards database to integrate with the purchasing interface	2 days ago
.gitignore	Points System implemented!	4 days ago
Awake+ Final Presentation.pdf	updated presentation in pdf form	2 days ago
Awake+StudyResults.pdf	Added results of research study	17 days ago
Awake+_Project_Part_1.pdf	Cleaned up Files	25 days ago
Awake+_Project_Part_3.pdf	Cleaned up Files	25 days ago
README.md	Create README.md	17 days ago

README.md

Awake+

If you struggle waking up in the morning without hitting the snooze button or if you enjoy getting rewarded for things you already do, Awake+ is for you! We incorporate the psychological principle of gamification into our modified alarm clock to motivate you to get up in the morning. Our system is simple: wake up without hitting snooze to earn points which you can redeem for great rewards such as buy one get one frees at local restaurants and more.

The interface is user friendly and based on the standard Android Alarm Clock application so it won't require any new learning. Just download and start earning!

VCS: Git/Github



Rating: 3

- Effective and free version control
- CLI is not always easy to use
- Merging not user friendly

Database: MySQL

Rating: 5

- Easy to learn
- Create and populate databases easily
- Efficient
- User friendly



```
MySQL 5.5 Command Line Client
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use rewards
Database changed
mysql> show tables;
+-----+
| Tables_in_rewards |
+-----+
| costs              |
| items              |
+-----+
2 rows in set (0.00 sec)

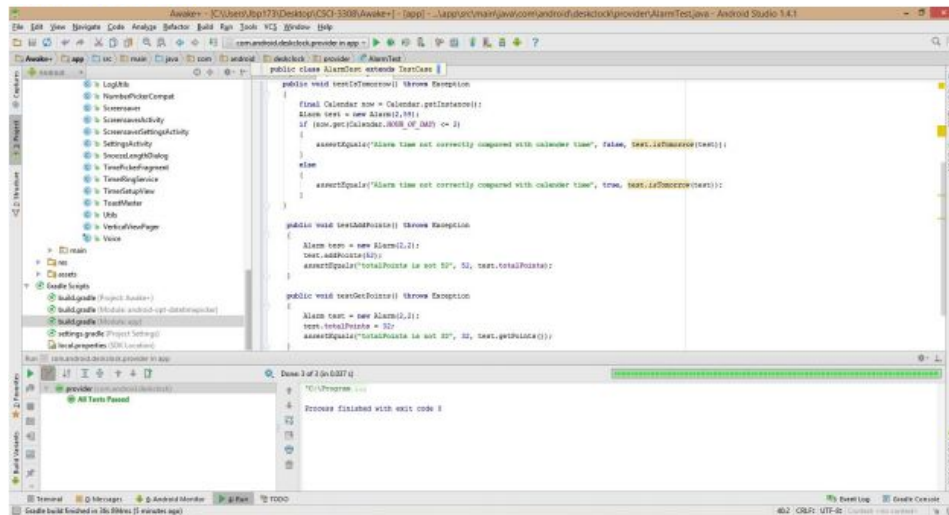
mysql> select * from costs,items where costs.id=items.id;
+----+-----+----+-----+
| id | cost | id | reward |
+----+-----+----+-----+
| 1  | 500  | 1  | UCS BOGO |
| 2  | 1000 | 2  | QDOBA BOGO |
| 3  | 375  | 3  | OZOS 50% |
| 4  | 500  | 4  | IHOP 10% |
+----+-----+----+-----+
4 rows in set (0.02 sec)

mysql>
```

Testing: JUnit

Rating: 3.5

- ❖ Steep initial learning curve
- ❖ Efficient after setup
- ❖ Integrated into Android Studio

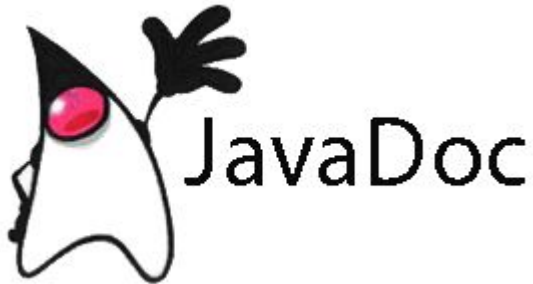


JUnit

Documentation: Javadocs

Rating: 4

- ❖ Easy to write
- ❖ Tags create smooth process
- ❖ Integrated with Android Studio



All Classes
Packages
com.android.deskclock
com.android.deskclock.provider

All Classes

AlarmTest
DeskClockApplication
RewardActivity

Constructor Summary

Constructors

Constructor and Description
DeskClockApplication()

Method Summary

Methods

Modifier and Type	Method and Description
void	addPoints(int x)
int	getPoints()
static java.lang.String	getPointsString()
void	onCreate()

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

DeskClockApplication

public DeskClockApplication()

Method Detail

addPoints

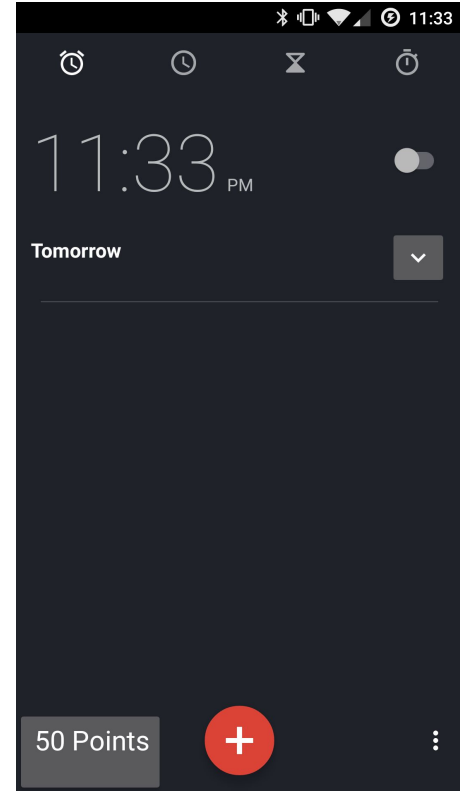
public void addPoints(int x)

Parameters:

Deployment/Framework: Android Studio-> Android Phone

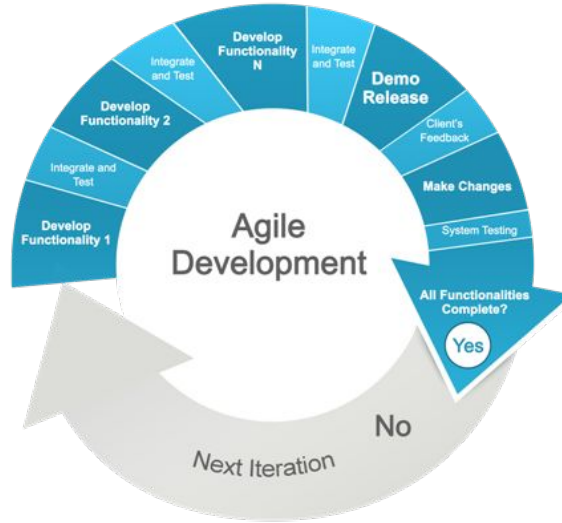
Rating: 2

- ☐ Easy to set up
- ☐ Buggy
- ☐ Eclipse was easier to use

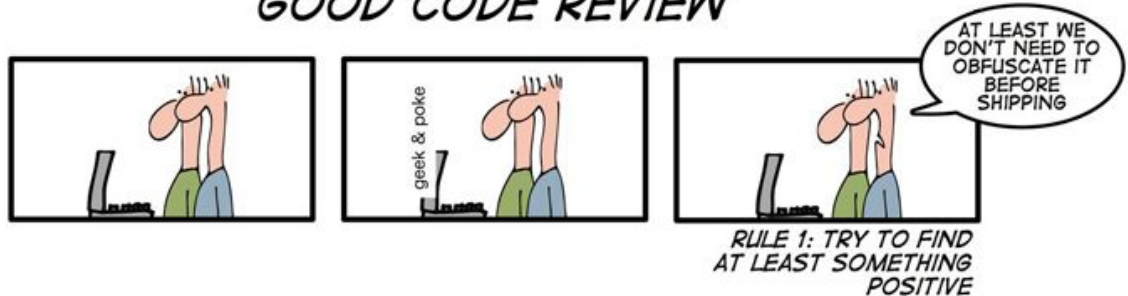


Methodologies

- Agile
- Pair programming
- Peer code reviews



HOW TO MAKE A GOOD CODE REVIEW



Challenges We Faced

- Understanding existing Android Alarm code
- Transferring app to phone
- Merge conflicts and other file issues

