



Zeal

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Semester 6 - Team Project
Presentation
23/02/15

Project Planning & Management

- Software
 - Trello
 - GanttPro
- Method
 - Crystal Clear & Extreme Programming
 - Planned Sprints early, and stuck to our schedule
 - Zeal Programming Values
- Requirements Gathering
 - User Stories
 - Application Specifications
 - Wireframe
 - Prototype



Trello

Team Project - Semester 6 Public Cal

Project Backlog

START of Sprint-006

Feb 23

Access Google Street View API

Mar 21

Send image and text on Twitter

Feb 22

START of Sprint-007

Mar 1

Match HSB values of Images

Mar 7

Instagram API

Mar 7

START of Sprint-008

Mar 8

Send image and text on instagram

Mar 7

Custom Keying

Mar 14

START of Sprint-009

Mar 15

Create Google Play Graphics

Mar 7

Add a card...

Sprint Backlog

Finalise the planning document

Feb 22

"Wish I Was Here" overlay

Feb 20

Green Screen Keying

Feb 22

Connect to Twitter API

Feb 22

Presentation

Feb 22

Final Alignment and Placeholder adding

Feb 22

Add a card...

Sprint Burndown Chart

Invoice for presentation

Feb 22

Write about Prototyping Appendice

Feb 22

Team Belbin Incorporation

Feb 22

Incorporate TextInput

Image save after the live camera preview page

Feb 15

START of Sprint-005

Feb 18

Add a card...

Project Burndown Chart

Create text input fields

Feb 15

Planning Document - Add ("see page") references

Feb 15

Create App Interface Graphics

Feb 15

Finalise / Scan Wireframe

Feb 15

Testing prototype?

Feb 15

Write about planning appendices

6/6

START of Sprint-004

Feb 9

Build App Layout

Feb 8

Store Images on Device

Feb 8

Compile Project Planning Documents

Add a card...

Bug List

Bug - App not responding when switching and capturing multiple times in succession

EM

Bug - Time delay between saving an image and it appearing in the gallery on the device

EM

Bug - Images not saving to Nexus

EM

Bug - App not downloadable to Nexus from Google Play Store

EM

Bug - App not working on Nexus Tablet

EM

Add a card...

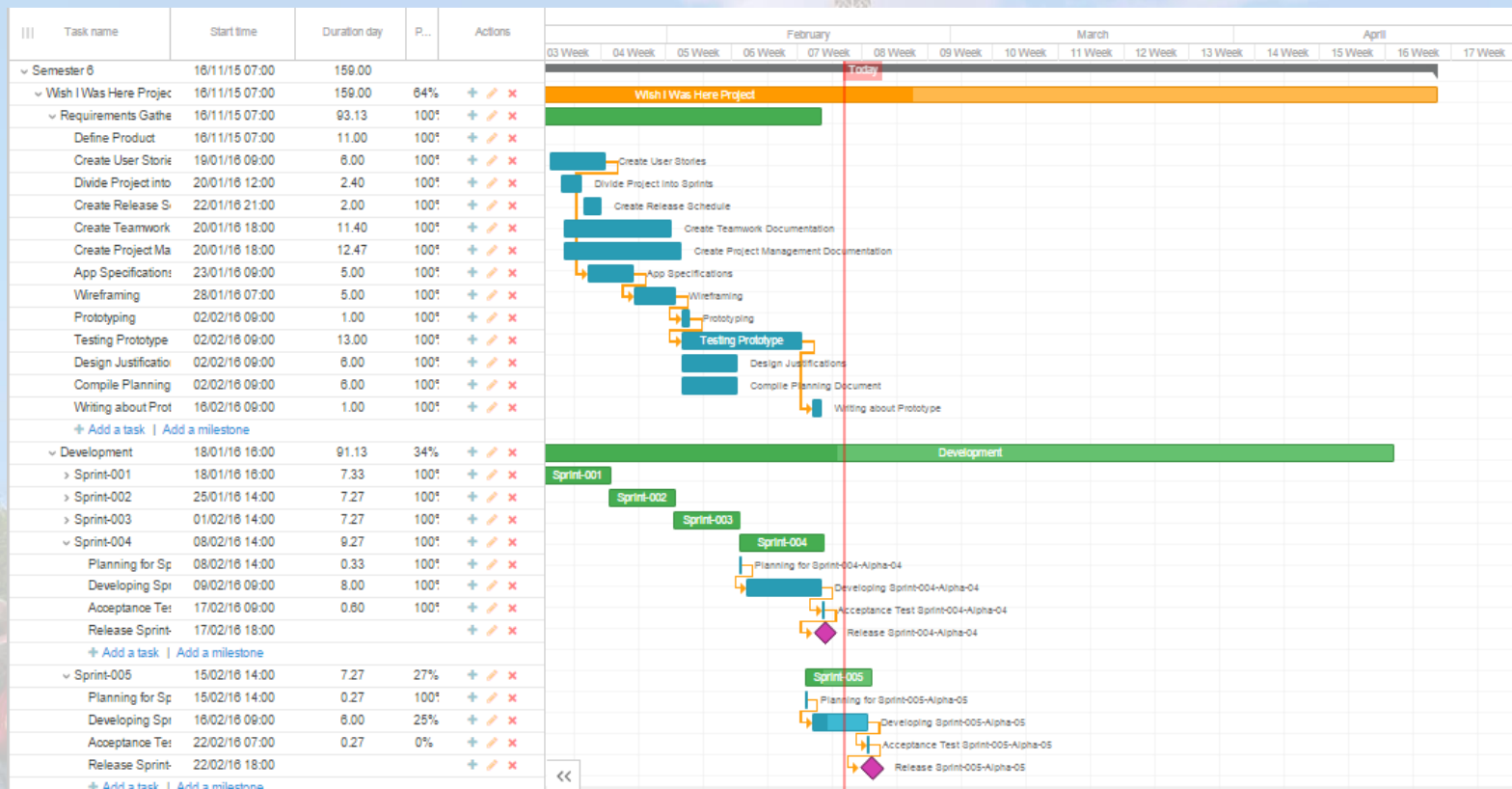
New Tasks

Ask John: Could he rename our Balsamic and if possible to get a share link

Add a card...



Gantt Chart



Challenges We Have Faced

- Saving Images
- Nexus Tablets
- Ketai Camera
- Arrays in Processing only store one datatype



What We've Learned So Far

- Google Play Store
- Android Development
- Benefits of Pair Programming / Osmotic Communication
- Using GitHub Collaboratively
- USB Debugging
- Ketai Library

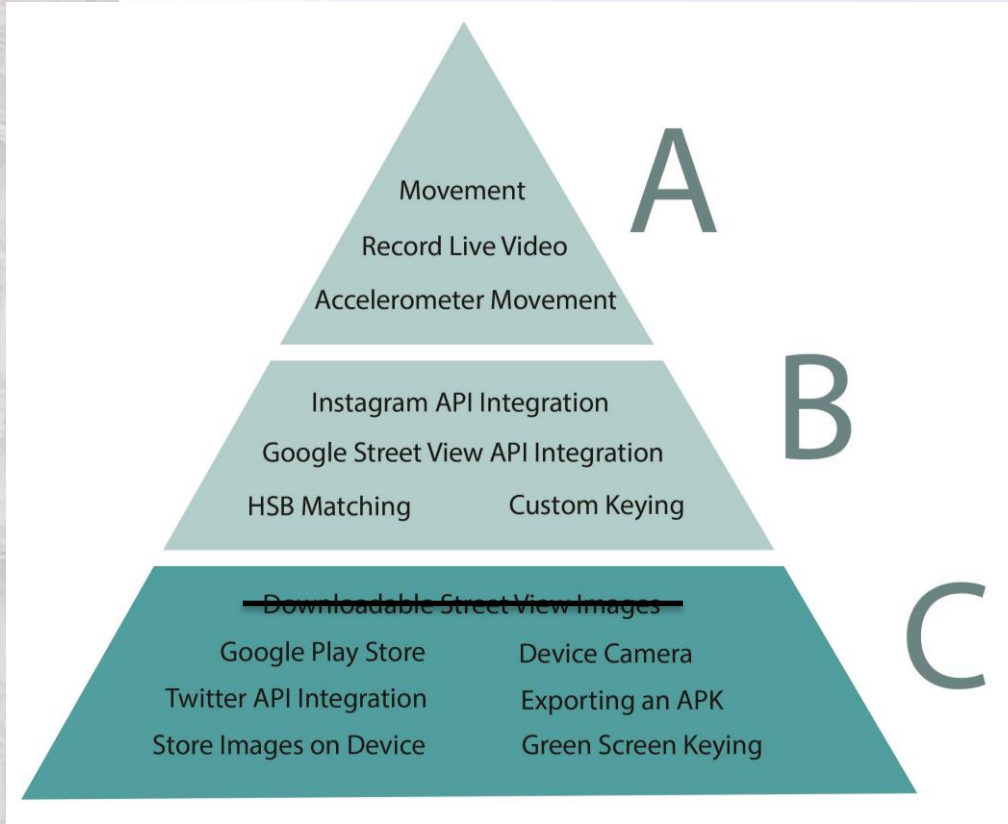


What We Have Achieved

- Accessing a Device Camera
- Switching Between Cameras
- Storing Images on the Device
- Providing navigation through a 19 page app
- Scrolling of a screen
- Allowing for Text Input
- Completed an in depth Project Planning & Management document



Zeal Gradable Project



Work Completed

2 Team Members

5 Weeks

9 Google Play Store Releases

408 hours of work

2,708 lines of code

20,261 words of planning

1 app :)



Next Steps

- Google Street View API
- Instagram API
- Matching HSB Values
- Custom Keying
- Accessing device accelerometer
- Location
 - Search
 - Random



Any Questions?

