

Image Deblurring - Checkpoint 2

Group 8

R. Fernández Mir
R. Hu

C. Hawkes
R. Lee Mekhtieva

R. Holland
A. Papadopoulos

1 Main Features

As can be seen in the scanned document which accompanies this report, our main features to be implemented during this sprint are the following

1. A robust deblurrer running on Azure.
2. A comparison report on CNN vs. other approaches.

2 Risk Discussion

As most of the risks for the project were identified during the first checkpoint meeting and worked over during this sprint there are now new risks to be considered.

3 Trello boards

This is the state of our Trello board throughout the sprint.

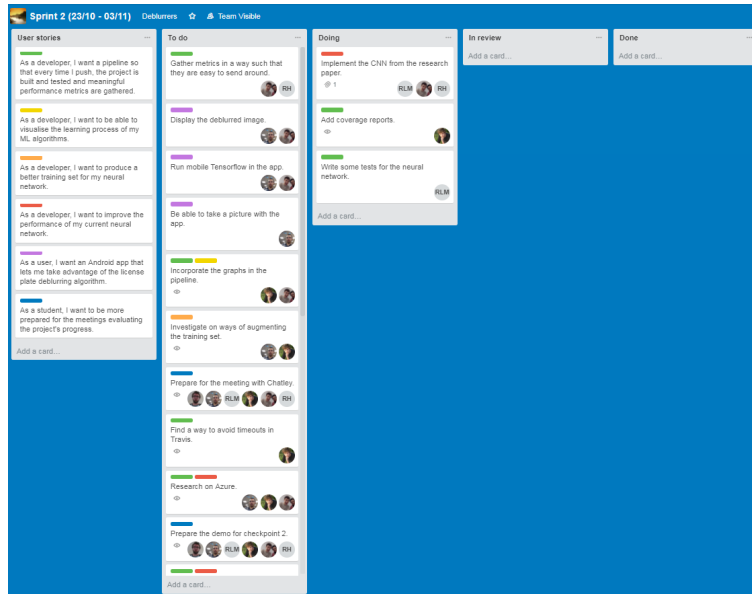


Figure 1: Trello board after the sprint planning (23/10).

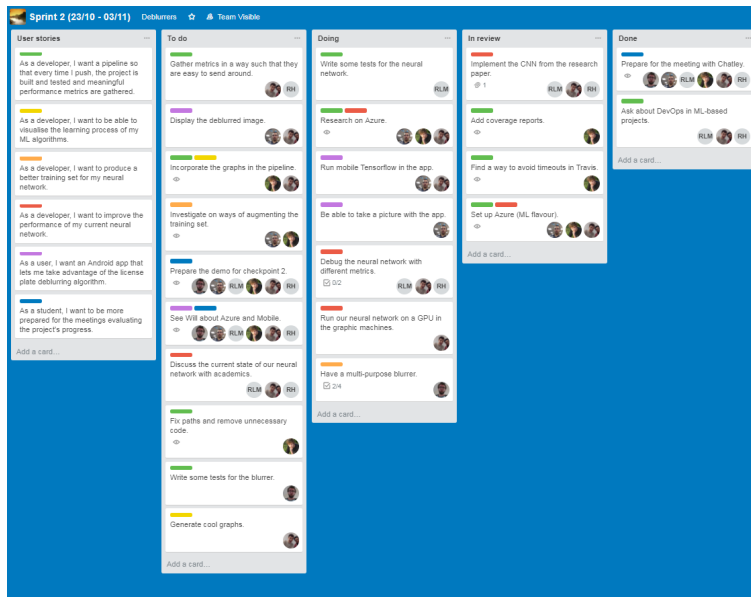


Figure 2: Trello board in the middle of the sprint (28/10).

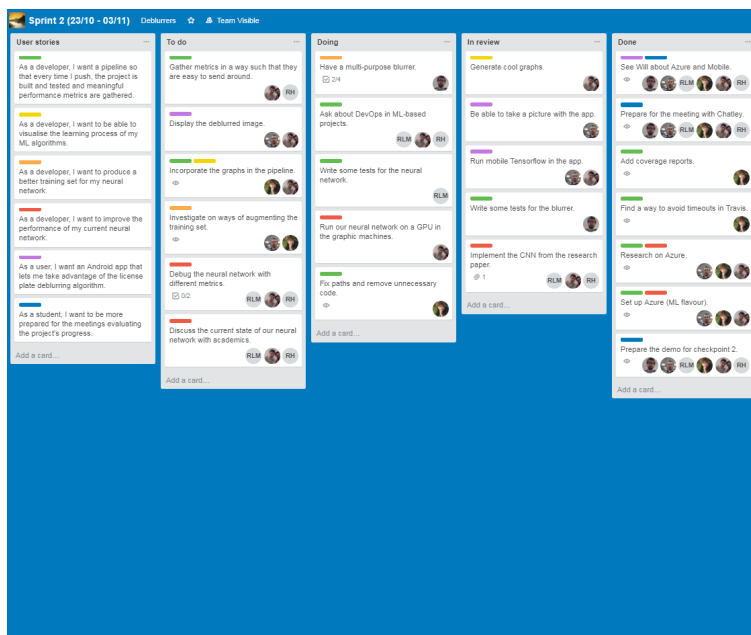



Figure 3: Trello board at the end of the sprint (03/11).

4 Automated builds


These are screenshots of the current state of TravisCI.

qvks / deblurring  build passing

Current Branches Build History Pull Requests More options

✓ DCGAN	[RM] Removed image size restrictions	→ #78 passed → 9576bc4 i2	🕒 1 hr 41 min 41 sec 📅 about 17 hours ago	⊙
✓ DCGAN	[RM] DCGAN from the DCGAN paper: model definition and discriminator.	→ #77 passed → 3d596b1 i2	🕒 1 hr 48 min 56 sec 📅 about 18 hours ago	⊙
✓ azure_safe	[HU][RH] add pixelate blur	→ #76 passed → 47fd603 i2	🕒 1 hr 50 min 43 sec 📅 about 22 hours ago	⊙
⊙ dev	[HU][RH] add pixelate blur	→ #75 canceled → 47fd603 i2	🕒 50 min 7 sec 📅 a day ago	⊙
✓ dev	Merge branch 'dev' of https://github.com/qvks/deblurring into dev	→ #74 passed → 39cd994 i2	🕒 1 hr 47 min 7 sec 📅 a day ago	⊙
✓ dev	[RH][AP] Fixed code to use new blurrer (now runs). Refactored directory struct	→ #73 passed → 793b7bf i2	🕒 1 hr 49 min 41 sec 📅 a day ago	⊙
✗ dev	Merge branch 'azure_safe' into dev	→ #72 failed → be77ba5 i2	🕒 2 min 1 sec 📅 a day ago	⊙
✓ azure_safe	[RH] Updated evaluate model to work on the dataset of 100.	→ #71 passed → efc8df6 i2	🕒 1 hr 48 min 6 sec 📅 a day ago	⊙
✗ dev	Merge branch 'dev' of https://github.com/qvks/deblurring into dev	→ #70 failed → ac43ae9 i2	🕒 1 min 27 sec 📅 2 days ago	⊙

Figure 4: Build history.

qvks / deblurring  build passing

Current Branches Build History Pull Requests Build #65 More options

✓ **master** Merge pull request #26 from ramonfmir/master

Good state of 'dev'

→ Commit a485e94 [i2](#)

🔗 Compare b117810..a485e94 [i2](#)

📁 Branch master [i2](#)

👤 Aris Papadopoulos authored

🏠 GitHub committed

→ #65 passed

🕒 Ran for 21 min 1 sec
📅 3 days ago

🔄 Restart build

🐞 Debug build

Figure 5: Last build in master.

5 Git history

Finally, this is how our GitHub network looks like:

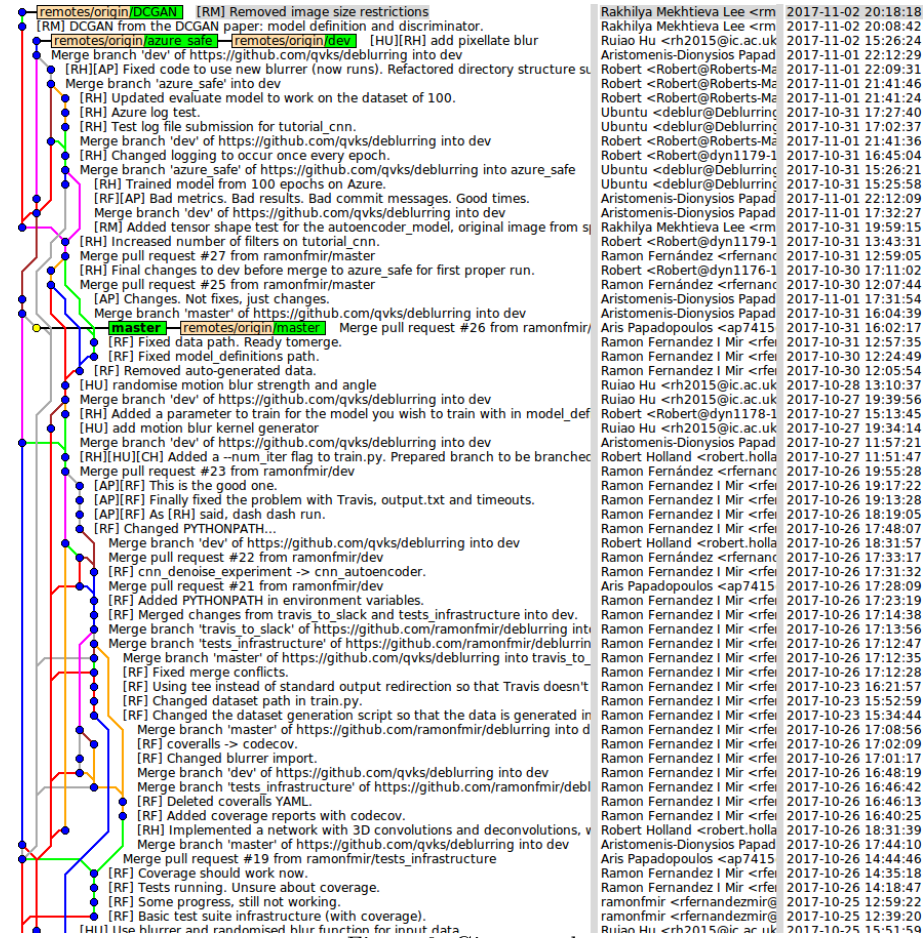


Figure 6: Git network.