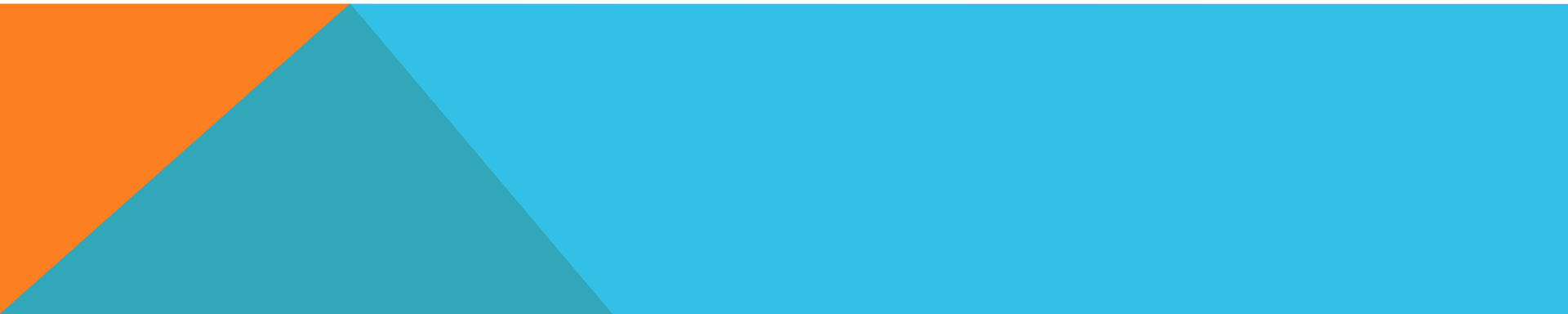# BLACKTEAM

SHOW AND TELL 11TH JUNE

PROGRESS SO FAR .. 11TH JUNE

- Spend a lot of time on SW infrastructure (kudos to Neil) – excellent process in place

- Using Travis, Circle, Selenium we have continuous deployment to our VM http://csi6220-1-vm2.ucd.ie/ from github

- VM is running a django project displaying RSS feed

- We're using Docker VM to ensure we all have the same environment

- Meetings via Slack and Google hangouts twice a week – good communication

- We've broken down the Development into Scrum Epics, and are adding user stories to Trello – to be assigned Thursday for first sprint to 30th June

- All learning python + docker + git + django + APIs etc

OBJECTIVES

- Technology Trending News on web page

- Enrich News with Tweets relevant to the news

- Web page will allow users to enter their twitter id

- Personalize web page by ordering the headlines based on the content of the users tweets and of their followers tweets

- Personalize the web page by remembering which news articles the user clicked on and hence what type of technology news they are interesting in

- When users clicks on article, show relevant tweets streaming

HOW IS IT DONE TODAY AND LIMITS

- Technology news has mostly comments and opportunity to share news Via twitter, email etc

- Technology news doesn't have dynamic streaming tweets about the news topic

- Most news is not personalized, so if I love iPhones I will still see news about Android phones for example

WHATS NEW IN OUR APPROACH

- Including tweets relevant to the news article – especially showing dynamic streaming tweets

- Personalizing the web page based on twitter usage

- Personalizing the web page based on what users click on

PROS AND CONS

PROS

- Giving the user instant feedback, for example a new laptop model, you might see social media information about the product to help you

- Personalizing news based on tweets so that it is more relevant to you

- Personalizing news based on what you like

CONS

- The content of the tweets may not be interesting – also will not be from trusted sources

- The content of tweets may be offensive

- Personalizing the news may annoy the user if they feel they are being manipulated

WHO CARES ?

- People who watch technology closely can get better and faster feedback and see what people really think about technology

WHAT DIFFERENCE WILL IT MAKE

- It will make the news more interesting and relevant

RISKS AND PAYOFFS

- Main risk is that the contents of tweets is not interesting
- Payoffs: if we can make the news relevant through personalization and interesting through relevant tweet content this model could be copied for other news

MIDTERM AND FINAL "EXAMS"

Midterm

Basic UI for Trending Technology
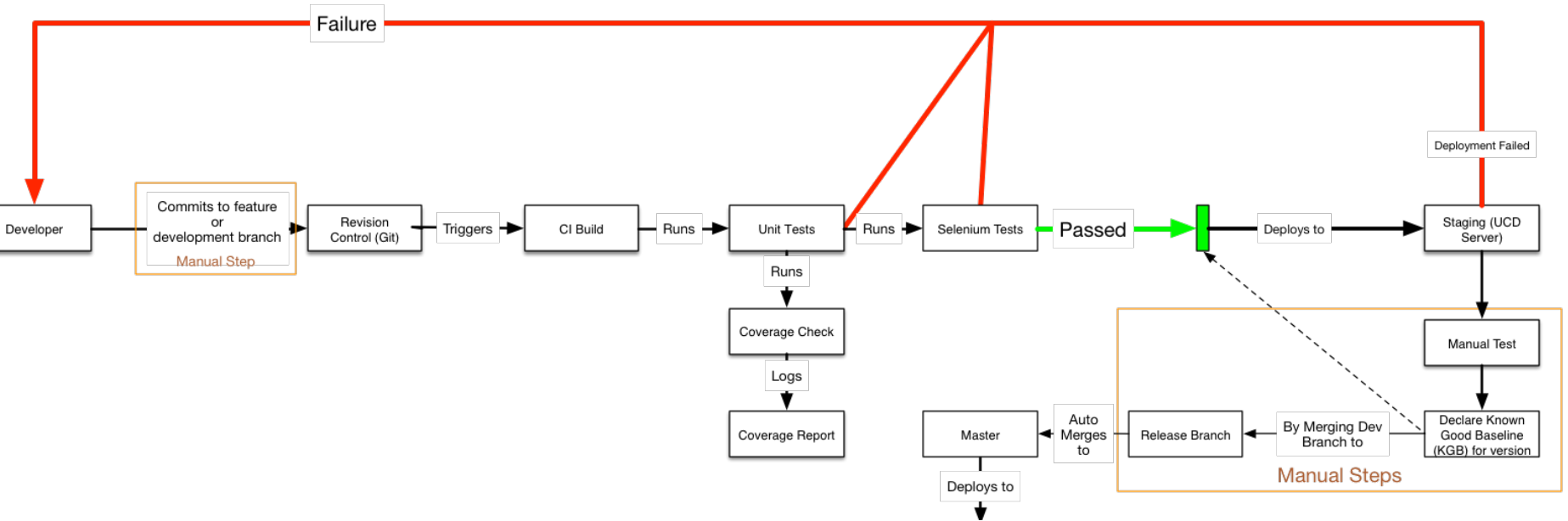
RSS news enriched with tweet relevant to news

Basic Personalization

Final

Online web app, meeting all objectives on slide 2, real time and nice UI

WORKING SW PROCESS

SIMPLE DIAGRAM