

Tools

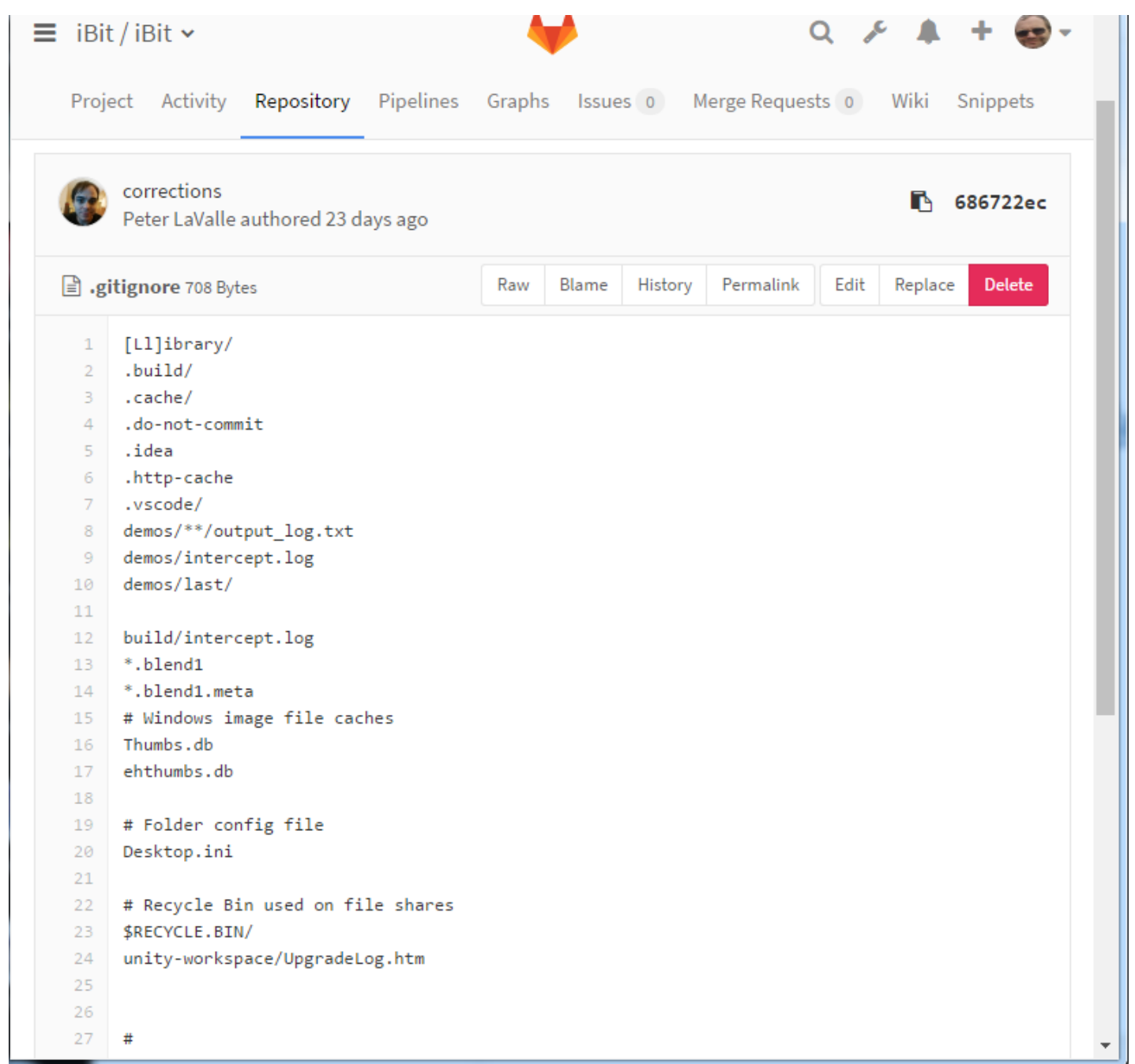
Peter Blanchfield

GitLab

- Used principally for the Code
 - Build a gitignore (see slide 3)
 - This should allow you to upload code without uploading binaries
 - Git has text comparison
 - Cannot compare binaries.
 - But can allow you to access them so no problem with images for example
 - Just only ones that are intrinsic to your code
 - Don't store libraries here if they are commonly available ones

.gitignore

- <https://help.github.com/articles/ignoring-files/>
- Has a link to the Git manual



The screenshot shows a GitHub repository page for a user named 'corrections'. The repository is titled 'iBit / iBit'. The 'Repository' tab is selected, showing a commit by Peter LaValle from 23 days ago. The file '.gitignore' (708 Bytes) is displayed with a toolbar containing 'Raw', 'Blame', 'History', 'Permalink', 'Edit', 'Replace', and 'Delete' buttons. The content of the .gitignore file is as follows:

```
1 [L]ibrary/  
2 .build/  
3 .cache/  
4 .do-not-commit  
5 .idea  
6 .http-cache  
7 .vscode/  
8 demos/**/output_log.txt  
9 demos/intercept.log  
10 demos/last/  
11  
12 build/intercept.log  
13 *.blend1  
14 *.blend1.meta  
15 # Windows image file caches  
16 Thumbs.db  
17 ehthumbs.db  
18  
19 # Folder config file  
20 Desktop.ini  
21  
22 # Recycle Bin used on file shares  
23 $RECYCLE.BIN/  
24 unity-workspace/UpgradeLog.htm  
25  
26  
27 #
```

The front page

- Has some useful information
- And some out of date
- And some really helpful
- You don't need to be the same but make it good

iBit / iBit

Project Activity Repository Pipelines Graphs Issues 0 Merge Requests 0 Wiki Snippets

1c0a1e19 Merge pull request #204 from drbatnott/pal.timer · a day ago by Peter LaValle

Requirements

- amd64 Windows and a Quadro K620 GPU
- [Git Kraken](#) largely because it offers a built-in merge tool and history graph
- [Unity 5.1.4 32bit](#) (direct link to Windows installer)
 - use 32bit, the 64bit WILL NOT WORK
 - every version update seems to introduce depreciation / warnings ; we're sticking with 5.1.4
- Visual Studio 2015
- SMI's iView X SDK software

TempIBit

For developments till we get the organisation
Temporary repository for new iBit

Contents

- [unity-workspace/](#) our big master Unity5 workspace for the games
 - this is probably what you want if you're trying to get a new build
- [Launcher](#) the "TidyLauncher" we use instead of `explorer.exe` to start all of our stuff
- [quadifier.dlls/](#) copies of the two binary files quadifier builds

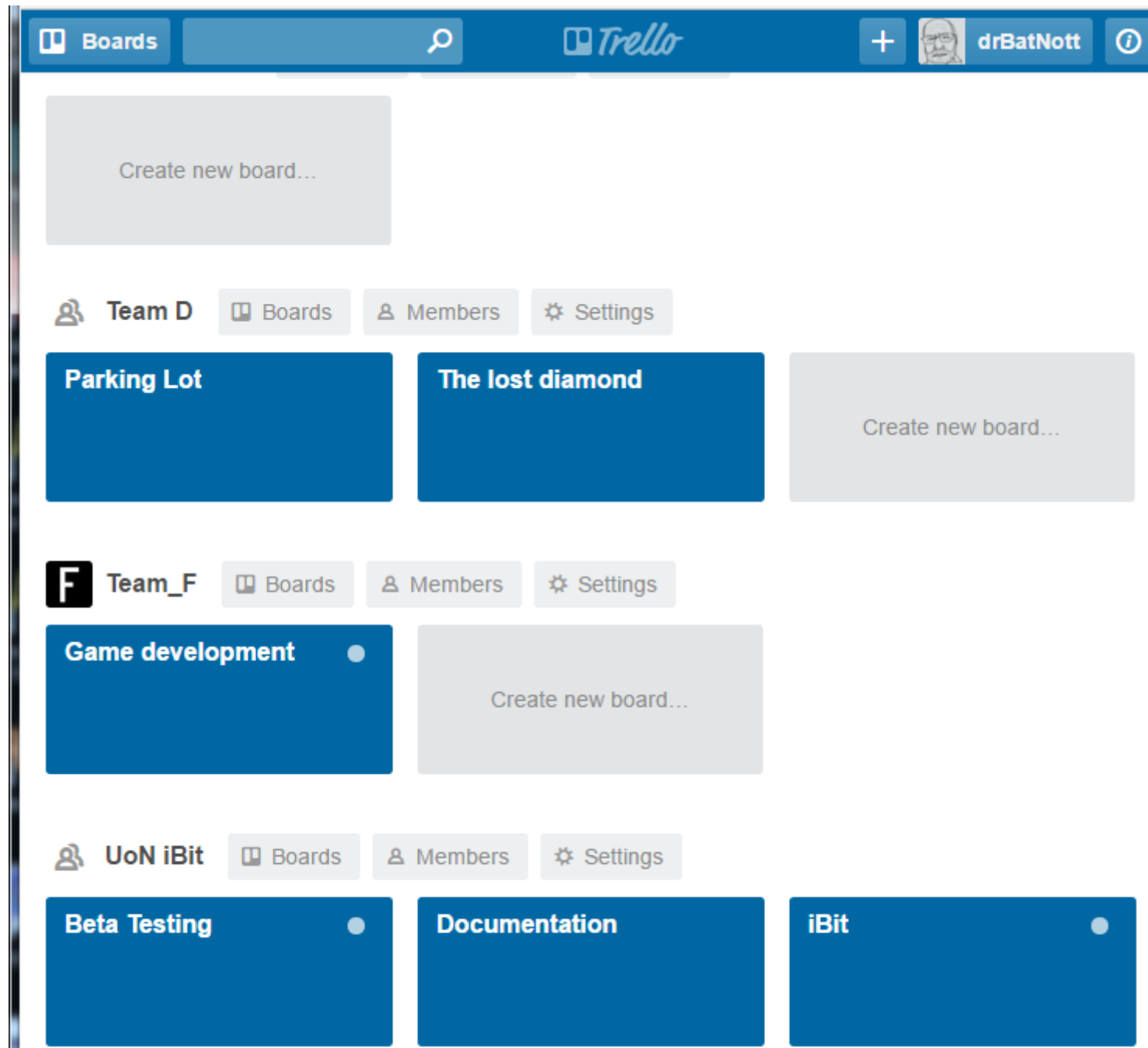
Graphs

- Really helpful
- We also have the ability to use CI but need to know what compilers you are going to run before we set this up.



Trello

- Project Management tool
- Available at Trello.com
- Good for tracking state of play



Also links to our documentation

The screenshot shows a Trello board named "Documentation" with the following structure:

- Documents - to do**: Add a card...
- Draft documents**:
 - Revision of CIP (1 comment)
 - Revision of investigator's brochure (1 comment)
 - Revision of Instructions for use (1 comment)
 - Add a card...
- Completed Documents**:
 - Advertising Posters (2 comments)
 - Clinical Investigation Plan (6 comments, 1 comment)
 - Correspondence with MHRA (1 comment, 1 comment)
 - Description of Device (3 comments, 1 comment)
 - Add a card...
- Done**:
 - Trial registration forms (1 comment, 1 comment)
 - Manufacturing SOP needed (1 comment)
 - Add a card...
- Specification Documents and Manuals**:
 - Database Spec (1 comment)
 - I-BiT spec (1 comment)
 - Eye Tracker Manual (1 comment)
 - MHRA report for original I-BiT
 - Add a card...

Like our advertising

I-BiT spec

in list [Specification Documents and Manuals](#)


[Edit the description...](#)

Attachments

DOCX SPECIFICATION_01_05_2016.docx
Added 3 May at 19:17
[Download](#) [Delete](#) [Comment](#)

[Add an attachment...](#)





Add Comment

 Write a comment...

[Send](#)

Activity

[Hide Details](#)

-  **Alex Foss** attached [SPECIFICATION_01_05_2016.docx](#) to this card 3 May at 19:17 - [Reply](#)
-  **Alex Foss** deleted the SPECIFICATION_01_05_2016.docx attachment from this card 3 May at 19:17
-  **Alex Foss** attached SPECIFICATION_01_05_2016.docx to this card 2 May at 20:00 - [Reply](#)
-  **Alex Foss** deleted the SPECIFICATION_01_05_2016.docx attachment from this card 2 May at 20:00

Add

- [Members](#)
- [Labels](#)
- [Checklist](#)
- [Due Date](#)
- [Attachment](#)

Actions

- [Move](#)
- [Copy](#)
- [Subscribe](#)
- [Archive](#)

[Share and more...](#)

New Treatment for Lazy Eyes!



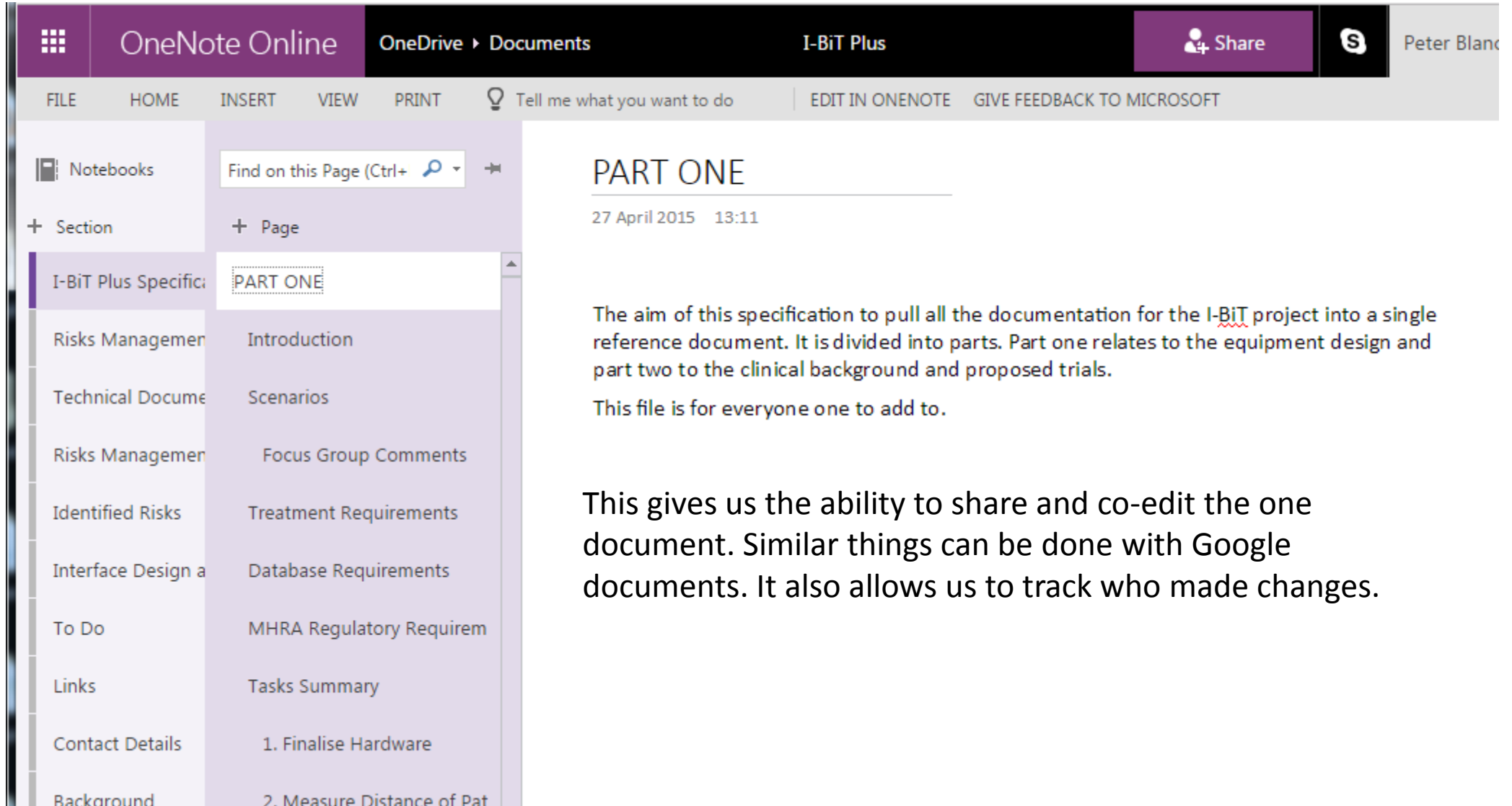
- ❖ Are you interested in taking part in a **research** trial of a potential **new** treatment for lazy eye?
- ❖ This treatment requires children to play specially designed **interactive** games or watch a DVD with **special glasses** on!
- ❖ The 'I-BiT' system features a **novel** configuration of computer **technology** which sends certain information only to the lazy eye.
- ❖ The child has **both eyes** open during the treatment, which is safe and non-invasive, and it is all done **at home!**
- ❖ To **find out** if your child is eligible for the trial, please see below.

For more information about the research, please ask your **Orthoptist**, or contact **Rebecca Brown**, Project Manager, on 07812 270155, email ibit@nuh.nhs.uk or visit www.lazy-i-bit.co.uk

Waiting room poster - Version 1.1 - 14th July 2016 IRAS: 198518

And tracking on our documentation

We also use OneNote Online



The screenshot displays the OneNote Online interface. At the top, the title bar shows 'OneNote Online', 'OneDrive > Documents', 'I-BiT Plus', a 'Share' button, and the user's name 'Peter Blanc'. Below this is a ribbon with tabs for 'FILE', 'HOME', 'INSERT', 'VIEW', and 'PRINT', along with a search bar and links for 'EDIT IN ONENOTE' and 'GIVE FEEDBACK TO MICROSOFT'. The left sidebar shows a 'Notebooks' section with a search bar and a '+ Page' button. The main content area displays a document titled 'PART ONE' with a date and time stamp '27 April 2015 13:11'. The document text reads: 'The aim of this specification to pull all the documentation for the I-BiT project into a single reference document. It is divided into parts. Part one relates to the equipment design and part two to the clinical background and proposed trials. This file is for everyone one to add to.' Below the text, a paragraph explains: 'This gives us the ability to share and co-edit the one document. Similar things can be done with Google documents. It also allows us to track who made changes.'

Section	Page
I-BiT Plus Specific	PART ONE
Risks Management	Introduction
Technical Document	Scenarios
Risks Management	Focus Group Comments
Identified Risks	Treatment Requirements
Interface Design a	Database Requirements
To Do	MHRA Regulatory Requirem
Links	Tasks Summary
Contact Details	1. Finalise Hardware
Background	2. Measure Distance of Pat

Expense claims for those on Industrial projects

- You need to fill a claim form and attach your receipts

What else do you need?

- I think you now need to get on and do the work
- Towards the end of the module there will be
 - Lectures on how to prepare for the Open day – like how to get posters printed
- If you want to contact me E-mail
 - If I think what you are asking has relevance to the lot I will reply to the class