**Background information:**

* Name: John Smith
* Age: 21
* Gender: Male
* Year of study: third year
* University: Edge Hill university

**Personal**

John smith has finished his first two years of his computing degree and has just started his finally year. In his final year he must take part in a long year project which will be his dissertation. John Smith has experience in writing detailed reports from his last two years but understands that a dissertation will need extra skills to be learnt. As well he is not sure on how to write a proposal or come up with a project question. One of the main difficulties John smith has to deal with on a daily base is accessing website that deal with his accessibility issues which are problem with his vision. John Smith hopes to finish his degree with a first and go on to work in the web industry in London.

John feels he has a good understanding of the internet and the way around a website as he is on a computing degree course. At the moment John is very concerned about what happens if he loses his work especial the coding side to the project and would like to know any free ways of backing it up on the internet. However, he does find that without the ability to use a screen reader it does become hard to read the website and will normal leave the website. He can access internet and computer at home or he can just use his mobile on the go to access the website.

**Goals:**

**End goals of using the website:**

* To first understand how to recognise from the project what is an issue and be able to understand what a problem is
* To understand what is a methodology and why they are important within the project
* To be able to gain support for creating their own question or selecting a question provided**[[1]](#footnote-1)**
* To be able to see what the parameters of the suggested questions. [[2]](#footnote-2)
* To be able to find example of appropriate methods to be used and advice on approaching people [[3]](#footnote-3)
* To have access to a guide that helps create the final document and what need to be included. [[4]](#footnote-4)
* To have access to information on carrying out a literature review and working out gaps in their own literature review [[5]](#footnote-5)
* To gain access on advice on how to write objective [[6]](#footnote-6)
* To have access to advice on analysing findings and what to do with it [[7]](#footnote-7)
* To have access to advice on presentation on how to concluded a project [[8]](#footnote-8)
* To understand how to carry out different types of project management
* To understand the different types of tools that can help when storing code to prevent loss of data
* To understand the different types of diagram software available
* To understand address, the advantages of using slack to keep on top of their projects
* To include helpful links to website to learn different code languages
* To include an understanding in to the correct way of commenting their code and the importance of doing this
* Include a section on how to reference at Edge Hill university

**Experience:**

* To make sure the questions provide will not have any challenges when collecting data [[9]](#footnote-9)
* To be able to filter project on what job the project would be useful for, what subject area the project will cover. (Anson,04)
* To have a clear navigation of the website which separated the support material and the suggested question topics
* To be able to look at different dissertation from different subjects
* To make sure the code has clear html/css so the website can be used with a screen reader
* The website has a clear and simply usability to support a screen reader

**Life goals:**

* To be able to pass his dissertation in his final year
* To gain a first in his degree to stand out in job interviews
* To gain a high paid job in the web industry located within London

**Background information:**

* Name: Tim Green
* Age: 40
* Gender: Male
* Year of study: NA
* Job: Lecturer
* University: Edge Hill university

**Personal information**

Tim Green is a lecturer in the computing department at Edge Hill university and it is his job to teach student from across all the different year groups. Each year lecturers have the responsibility of looking after a number of students through their final year dissertation. Tim use the internet on a regular base to answer email and carry out research for his own research project. Tim regular contributes to learning blog website and understand the best ways of giving advice to people with different level of technology skills. Throughout his career he has been involved in a range of different project that can be useful when coming up with topic for students this has meant that he has worked with different technologies.

**Goals:**

**End goals of using the website:**

* To be able to log into the system to create a user to go on to advertise projects
* To add example project to the website: (Anson,04)
  + With evidence of what subject area the project will cover [[10]](#footnote-10)
  + With evidence of what career the project is aimed at[[11]](#footnote-11)
  + To make sure that each project is set for the user to be able easily gain access to primary data [[12]](#footnote-12)
* Provide the necessary advice which was set out within the student’s persona

**Experience:**

* To be able to see what project other lectures are offering
* To only have to complete one form to add a project to the website
* To be able to edit and delete a project
* To be able to point to section of the website which will help their students

**Life goals:**

* To be able to get all his students to pass their dissertation
* To be able to end up becoming a senior lecture or a programme leader

**Background information:**

* Name: Rebecca
* Age: 20+
* Gender: female
* Year of study: third year +
* University: external

**Personal information**

Rebecca is a student from another university which would like to be able to access the support material to help them with their dissertation. However, will not be able to get access the dissertation question because the logging will only except the university email address. Rebecca has a good knowledge of using the internet and mostly use her phone to look up anything on the internet. The university Rebecca belongs to do does not run a research method module to ease them into a project. This would indicate that Rebecca would need advice from lecture on best methods and how to approach a computing based problem that can be found in industry at this point in time. As well Rebecca suffer from colour blindness and would hope that no important information would be in a font that she cannot see.

**Goals: End goals of using the website:**

* To have access to a guide that helps create the final document and what need to be included. [[13]](#footnote-13)
* To have access to information on carrying out a literature review and working out gaps in their own literature review [[14]](#footnote-14)
* To gain access on advice on how to write objective [[15]](#footnote-15)
* To have access to advice on analysing findings and what to do with it [[16]](#footnote-16)
* To have access to advice on presentation on how to summaries and concluded a dissertation
* To first understand how to recognise from the project what is an issue and be able to understand what a problem is
* To understand what is a methodology and why they are important within the project
* To gain access on advice on how to write objective [[17]](#footnote-17)
* To have access to advice on analysing findings and what to do with it [[18]](#footnote-18)
* To have access to advice on presentation on how to concluded a project [[19]](#footnote-19)
* To understand how to carry out different types of project management
* To understand the different types of tools that can help when storing code to prevent loss of data
* To understand the different types of diagram software available
* To understand address, the advantages of using slack to keep on top of their projects
* To include helpful links to website to learn different code languages
* To include an understanding in to the correct way of commenting their code and the importance of doing this

**Experience:**

* To be able to look at different dissertation from different subjects
* For each section of the dissertation to have its own page and lead on to next section with examples on each page
* To be able to see clearly the sections that they can and cannot gain access to.
* To have a website that has thought about colour blindness

**Life goals:**

* To be able to pass his dissertation in his final year with a first
* To be able to work for a network and security company in London

**Background information:**

* + Name: Sam Tall
  + Age: 55
  + Gender: Male
  + Year of study: NA
  + Job: Programme leader
  + University: Edge Hill university

**Personal information**

Sam is a programme leader in the computing department at Edge Hill university. This means that he is in charge one of the computing pathways at edge hill university which means they must make sure that the degree pathway stays up to date with research and development in their area of computing. The next main role is being a leader over the staff which contribute to the modules and the teaching area. As well as have a say into the staff that are appointed to the department. The other part of their job is making sure to keep up student satisfaction on the module and that their students are performing well. This will involve making sure that the learning outcomes are clear and appropriate.

Sam is also a lecturer so he has to contribute to research ideas for undergraduates but see the importance of other staff doing this as well. Sam loves to see students push themselves and learn new research methods. So when staff have the chance to express their knowledge in the teaching of student they see it as a positive but Sam understand the importance of making sure everything is up to date.

As a high figure within the department he must make sure that all of his students can benefit from the universities resource. This means that it is his responsibility to make sure that students with accessibility issues have access this will involve make sure that all content can be read. This is the same for different levels of understanding to make sure that the information is easy to understand.

**Goals:**

**End goals of using the website:**

* To be able to add staff on their pathway to the website
* To be able to monitor the learning content being offered on the website
* To be able to monitor the types of previous projects are being added to the website
* To add example project to the website: (Anson,04)
  + With evidence of what subject area the project will cover [[20]](#footnote-20)
  + With evidence of what career the project is aimed at[[21]](#footnote-21)
  + To make sure that each project is set for the user to be able easily gain access to primary data [[22]](#footnote-22)
* Provide the necessary advice which was set out within the student’s persona
* To remove any out of data advice being posted to the website and remove post form other staff which they believe are not helpful anymore.

**Experience:**

* To be able to see what project other lectures are offering
* To only have to complete one form to add a project to the website
* To include one form to add a new staff member
* To be able to edit the project and delete projects
* To be able to point to section of the website which will help their students

**Life goals:**

* To be able to get all his students to pass their dissertation
* To be able to achieve a high level of satisfaction
* To go on to become head of undergraduates
* To make sure their course is always up to date with the industry.

**Bibliography**

Malcolm Todd, Phil Bannister & Sue Clegg (2004) Independent inquiry and the undergraduate dissertation: perceptions and experiences of final‐year social science students, *Assessment & Evaluation in Higher Education*, 29(3), 335-355

Rachel A. I’Anson & Karen A. Smith, (2004). Undergraduate Research Projects and dissertations: issues of topic selection, access and data collection amongst tourism management students. *The Journal of Hospitality Leisure Sport and Tourism*. 3(1), 19-32

Sotco Claudius Komba, (2016). Challenges of writing theses and dissertations among postgraduate students in Tanzanian higher learning institutions. *International Journal of Research Studies in Education*.5(3), .71-80

1. Research from previous studies have shown that students find it hard to make sure a dissertation has a precise focus or be able to stop themselves from just creating a topic exploration question. (Todd,04) [↑](#footnote-ref-1)
2. As an inquiry into dissertation has found that student find it difficult to make sure that their dissertation is feasible and then give advice on how to make sure the question was clear(Todd,04) [↑](#footnote-ref-2)
3. During a research study several students had said that they need assistance when selecting correct methods (Todd,04). As well research has found that student find it hard to interact with key people as without them they do not have a research project (Anson,04) [↑](#footnote-ref-3)
4. As research has found that some students found it hard to make sure that they are not just making an extended essay (Todd,04) (Anson,04) [↑](#footnote-ref-4)
5. One research found that only 31% of students were successful in creating a literature review and only 27% students could then be able to identify what was missing. (Komba,16) [↑](#footnote-ref-5)
6. As on research found 27% student accidently duplicate objectives and some have more than one action (Komba,16) [↑](#footnote-ref-6)
7. Research found that only 37% of students were able to interpret and analysis finding and then only 49% were then able to successfully discuss the findings (Komba,16) [↑](#footnote-ref-7)
8. Previous research has found that 39% find this difficult (Komba,16) [↑](#footnote-ref-8)
9. As research has shown that student might end up coming up with a topic that they are unable to do because of ethical implications, gain access to respondents or organisation (Anson,04) [↑](#footnote-ref-9)
10. As previous research has shown that student choice their dissertation on what they have previous learnt and want to then extend their knowledge [↑](#footnote-ref-10)
11. Some research has found that student want to use their dissertation as evidence of understanding part of the industry they wish to go into [↑](#footnote-ref-11)
12. Research has shown that students like to see project that allow them to gain connections with important individual or organisations [↑](#footnote-ref-12)
13. As research has found that some students found it hard to make sure that they are not just making an extended essay (Todd,04) (Anson,04) [↑](#footnote-ref-13)
14. One research found that only 31% of students were successful in creating a literature review and only 27% students could then be able to identify what was missing. (Komba,16) [↑](#footnote-ref-14)
15. As on research found 27% student accidently duplicate objectives and some have more than one action (Komba,16) [↑](#footnote-ref-15)
16. Research found that only 37% of students were able to interpret and analysis finding and then only 49% were then able to successfully discuss the findings (Komba,16) [↑](#footnote-ref-16)
17. As on research found 27% student accidently duplicate objectives and some have more than one action (Komba,16) [↑](#footnote-ref-17)
18. Research found that only 37% of students were able to interpret and analysis finding and then only 49% were then able to successfully discuss the findings (Komba,16) [↑](#footnote-ref-18)
19. Previous research has found that 39% find this difficult (Komba,16) [↑](#footnote-ref-19)
20. As previous research has shown that student choice their dissertation on what they have previous learnt and want to then extend their knowledge [↑](#footnote-ref-20)
21. Some research has found that student want to use their dissertation as evidence of understanding part of the industry they wish to go into [↑](#footnote-ref-21)
22. Research has shown that students like to see project that allow them to gain connections with important individual or organisations [↑](#footnote-ref-22)