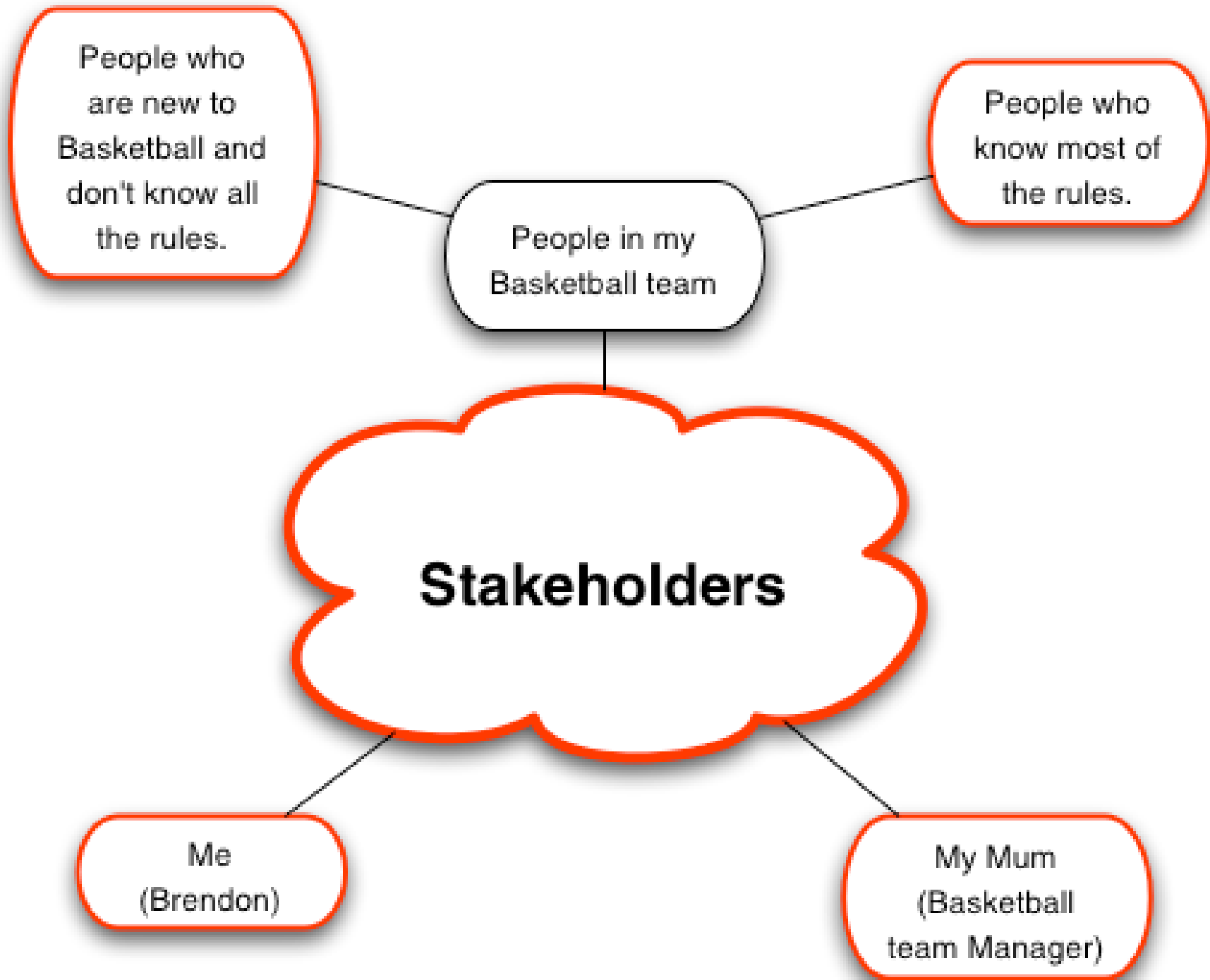# Achievement Standard 2.1

Brief Development

Brendon McCurley

The Issue

- My issue is that there is not enough multimedia information about Basketball and how to play Basketball.

People who are new to Basketball and don't know all the rules.

People who know most of the rules.

People in my Basketball team

Stakeholders

Me (Brendon)

My Mum (Basketball team Manager)

First Major Stakeholder Consultation

The first major stakeholder consultation was on **Monday 8th May** at basketball practice after school.

I consulted them about the Key Factors and they approved of what I had and also gave me 2 more to add:

- Information must be accurate
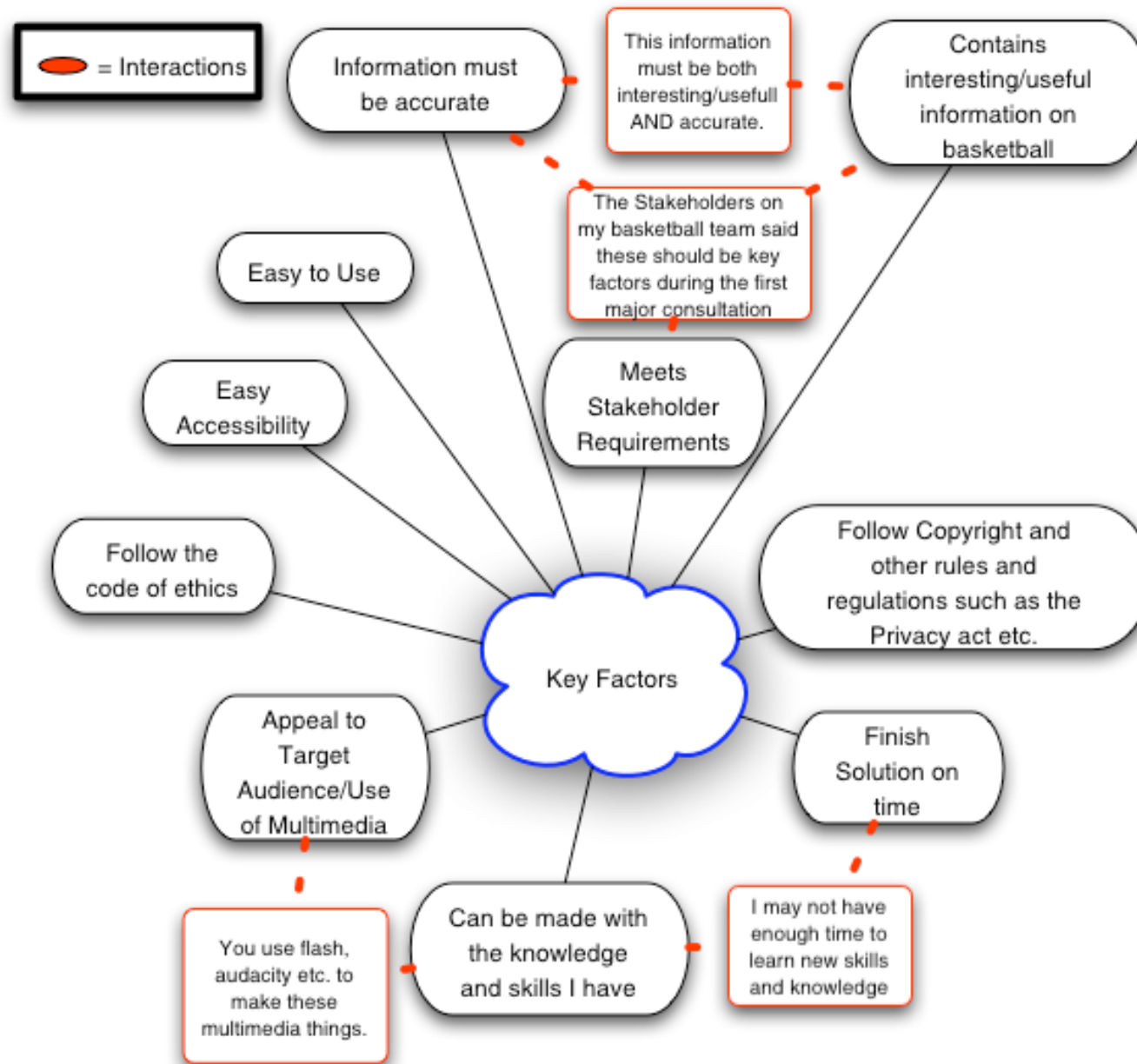- Must contain interesting/useful information about basketball

Second Major Stakeholder Consultation

The second major stakeholder consultation was on the **22nd May** after school at basketball practice.
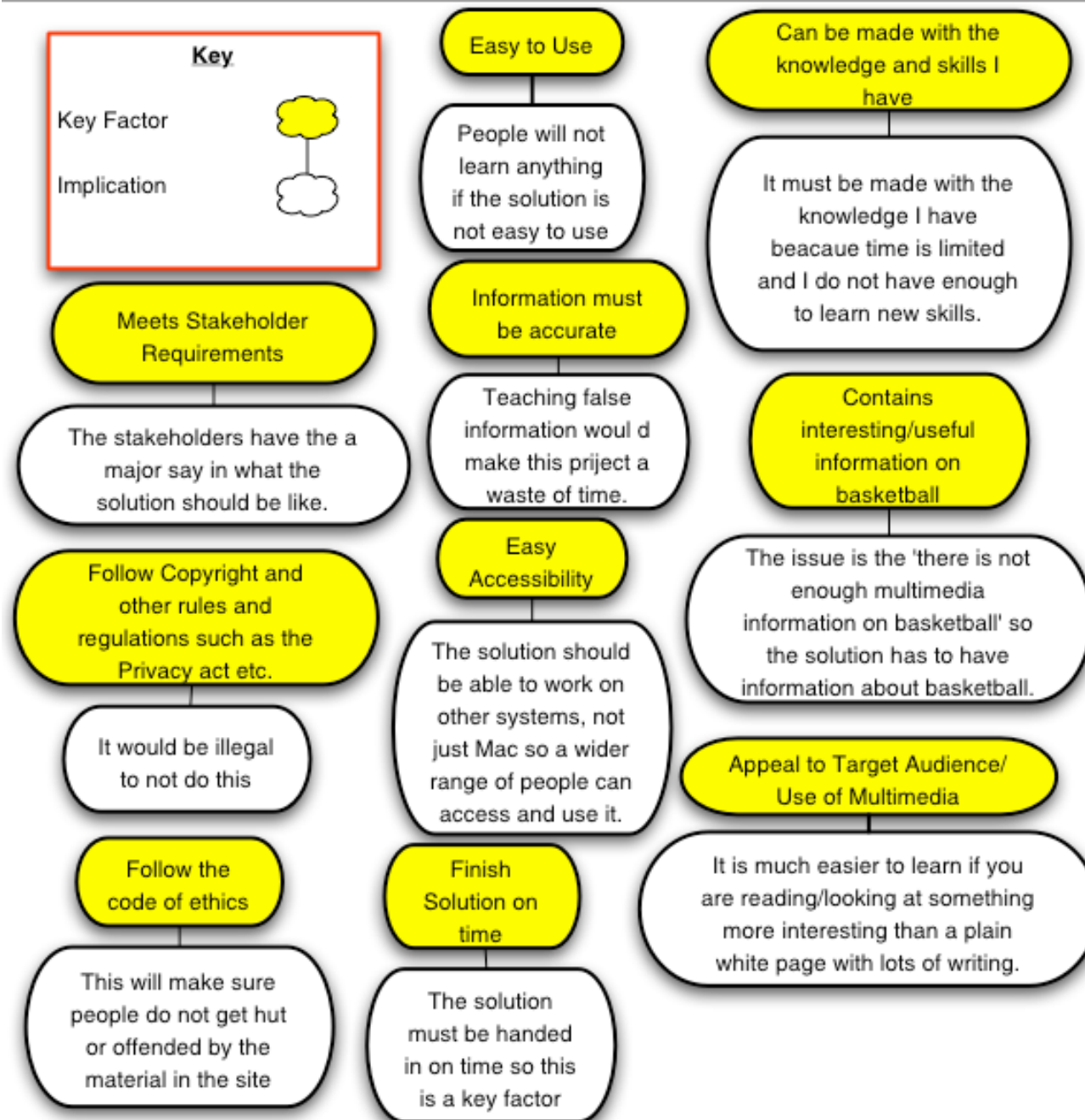
While everyone was getting their shoes on before practice I showed them my visual diary. The team chose which concept ideas they liked best and I asked if they wanted anything different. They liked what I had already but added some extra things like:

- Having rollovers on all the buttons
- For the quiz, having the scoring animation and the scoreboard.
- Having a team of 5 characters. ⬇
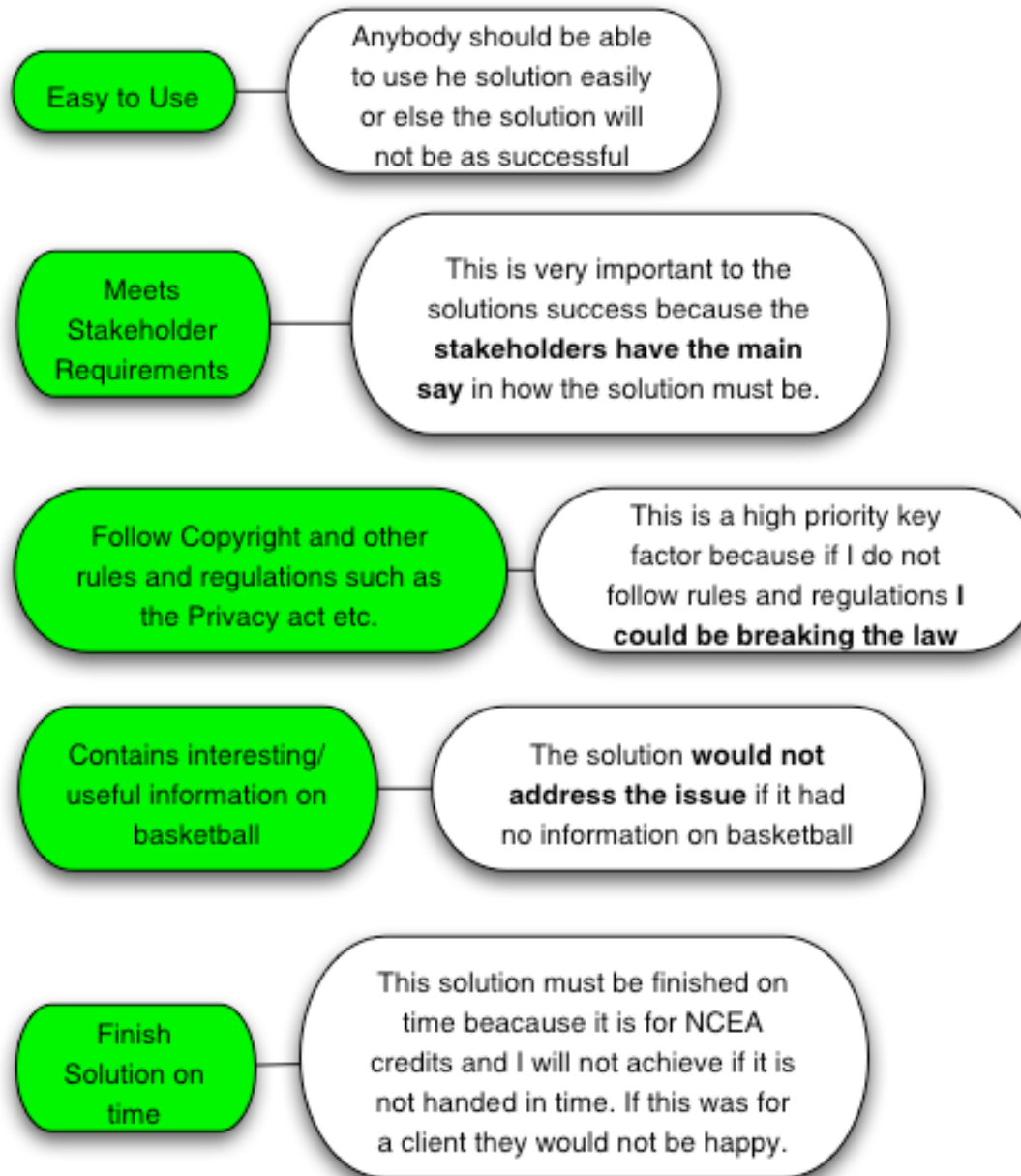
Key Factors and their Interactions

= Interactions

Information must be accurate

This information must be both interesting/usefull AND accurate.

Contains interesting/useful information on basketball

The Stakeholders on my basketball team said these should be key factors during the first major consultation

Easy to Use

Easy Accessibility

Meets Stakeholder Requirements

Follow the code of ethics

Follow Copyright and other rules and regulations such as the Privacy act etc.

Key Factors

Appeal to Target Audience/Use of Multimedia

Finish Solution on time

You use flash, audacity etc. to make these multimedia things.

Can be made with the knowledge and skills I have

I may not have enough time to learn new skills and knowledge

Key Factors and their implications

Key

Key Factor 🟡 (cloud shape)

Implication ⬜ (cloud shape)

Easy to Use

People will not learn anything if the solution is not easy to use

Can be made with the knowledge and skills I have

It must be made with the knowledge I have beacaue time is limited and I do not have enough to learn new skills.

Meets Stakeholder Requirements

The stakeholders have the a major say in what the solution should be like.

Information must be accurate

Teaching false information woul d make this priject a waste of time.

Contains interesting/useful information on basketball

The issue is the 'there is not enough multimedia information on basketball' so the solution has to have information about basketball.

Follow Copyright and other rules and regulations such as the Privacy act etc.

It would be illegal to not do this

Easy Accessibility

The solution should be able to work on other systems, not just Mac so a wider range of people can access and use it.

Appeal to Target Audience/ Use of Multimedia

It is much easier to learn if you are reading/looking at something more interesting than a plain white page with lots of writing.

Follow the code of ethics

This will make sure people do not get hut or offended by the material in the site

Finish Solution on time

The solution must be handed in on time so this is a key factor

Prioritisation of Key Factors

- Click to see my prioritisation of the Key Factors

High Priority Key Factors

Easy to Use

Anybody should be able to use he solution easily or else the solution will not be as successful

Meets Stakeholder Requirements

This is very important to the solutions success because the **stakeholders have the main say** in how the solution must be.

Follow Copyright and other rules and regulations such as the Privacy act etc.

This is a high priority key factor because if I do not follow rules and regulations I **could be breaking the law**

Contains interesting/useful information on basketball

The solution **would not address the issue** if it had no information on basketball

Finish Solution on time

This solution must be finished on time beacause it is for NCEA credits and I will not achieve if it is not handed in time. If this was for a client they would not be happy.

Medium Priority Key Factors

Can be made with the knowledge and skills I have

This is of medium importance because there may be things the stakeholders want in the solution but i will need to quickly learnhwo to do that if I don't already know how

Appeal to Target Audience/Use of Multimedia

This solution wll have no sucess if the target do not want to use it beacause of a lack of appeal but it can still be a good solution if it doesn't look great.

Information must be accurate

I will make sure the information is accurate at the time I make the solution. But basketball rules and other things are always changing.

Low Priority Key Factors

Follow the code of ethics

This is of low priority because i will **naturaly make sure that my solution in not unethical** while I am in the process of making it. So little time will be spent focussing on following the code of Ethics

Easy Accessibility

Since the final solution should be on a CD and because my skills mainly involve using flash this solution will **already to be easily accessible** to anyone with a CD-Rom drive and Flash Player (which can simply be downloaded for free). This is why i have grouped this key factor as low priority.

Specifications

Key Factor	Specifications
Information must be accurate	•All information must be accurate at the time the solution is finished
Easy to use	•Simple navigation •No Scrolling Needed
Easy Accessibility	•Solution must be on a CD •Solution made in Flash so all that it needs to work on a computer is Flash Player (can be downloaded for free)
Follow Code of Ethics	•No bad language or images •No discrimination whatsoever
Appeal to Target Audience (people who play/want to play basketball)	•Use of Colour, Sound, Interactivity, Animations •Use of Language for basketball players (not rocket scientists!)
Finish Solution on Time	•Finish Solution by end of Term 4
Follow copyright laws and other rules and regulations/legislations	•Do not use other people's material without permission •Follow Privacy Act
Meet Stakeholder Requirements	•Include what the stakeholders want in the final Solution
Contain Useful/Interesting information on basketball	•Contains Information on the rules, history of basketball and also great basketball players.
Can be made with the knowledge I already have	•Can be Made with Flash, Audacity, Fireworks, SketchUp

Initial Brief

Conceptual Statement

The issue is that there is not enough multimedia information about basketball and how to play basketball.

The solution to this problem is to create a multimedia CD that has information about basketball and how to play basketball.

Specifications

- All information must be accurate at the time the solution is finished
- Simple navigation
- No Scrolling Needed
- Solution must be on a CD
- Solution made in Flash so all that it needs to work on a computer is Flash Player (can be downloaded for free)
- No bad language or images
- No discrimination whatsoever
- Use of Colour, Sound, Interactivity, Animations
- Use of Language for basketball players (not rocket scientists!)
- Finish Solution by end of Term 4
- Do not use other people's material without permission
- Follow Privacy Act
- Include what the stakeholders want in the final Solution
- Contains Information on the rules, history of basketball and also great basketball players.
- Can be Made with Flash, Audacity, Fireworks, SketchUp

Brief Refinement

After Stakeholder Consultation

The team wanted the following in the solution

- Having rollovers on all the buttons
- For the quiz, having the scoring animation and the scoreboard.
- Having a team of 5 characters This has changed to 2 main characters.

Brief Refinement

After Modeling

While trying to figure out how to get the scoreboard and animations working at the same time in modeling I realised I could only do one of the options. I have chosen to use just the scoreboard as it is better than the animations because it keeps your score during the quiz.

Creating characters in fireworks was quite time consuming. I talked to some stakeholders and we decided to just use 2 main characters.

Brief Refinement

After Reviewing the Initial Brief's specifications

"Contains Information on the rules, history of basketball and also great basketball players" This specification is too unspecific so I will remove it and change it into more than one specification.

- Must contain information on Dribbling Rules (Traveling, Carrying and Double Dribble)
- Must contain information on Scoring Rules
- Must contain information on the number of players
- Must contain information on Timing Rules (3 seconds, 5 seconds, 8 seconds)
- Must contain information on Fouls (offensive and defensive) and Free Throws
- Must contain information on Other Rules (24 seconds, illegal assists and goaltending)
- Must contain information on basketball's history and it's great players

Brief Refinement

After Research of Copyright, Codes of Practice etc.

Codes of practice

- Naming conventions for files, page titles are meaningful
- Check in multiple browsers- Macs and PCs
- Design for 800x600 resolution
- Websafe colors
- No dead ends
- Home page not needing to be scrolled I already have a specification making sure no scrolling is needed

New specifications to be added to the brief

- Having rollovers on all the buttons
- For the quiz having scoreboard.
- Having 2 main characters
- Must contain information on Dribbling Rules (Traveling, Carrying and Double Dribble)
- Must contain information on Scoring Rules
- Must contain information on the number of players
- Must contain information on Timing Rules (3 seconds, 5 seconds, 8 seconds)
- Must contain information on Fouls (offensive and defensive) and Free Throws
- Must contain information on Other Rules (24 seconds, illegal assists and goaltending)
- Must contain information on basketball's history and it's great players
- Naming conventions for files, page titles are meaningful
- Check in multiple browsers- Macs and PCs
- Design for 800x600 resolution
- Websafe colors
- No dead ends

2nd Brief

Conceptual Statement

The issue is that there is not enough multimedia information about basketball and how to play basketball.

The solution to this problem is to create a multimedia CD that has information about basketball and how to play basketball.

Specifications

- All information must be accurate at the time the solution is finished
- Simple navigation
- No Scrolling Needed
- Solution must be on a CD
- Solution made in Flash so all that it needs to work on a computer is Flash Player (can be downloaded for free)
- No bad language or images
- No discrimination whatsoever
- Use of Colour, Sound, Interactivity, Animations
- Use of Language for basketball players (not rocket scientists!)
- Finish Solution by end of Term 4
- *Follow Privacy Act* This has been taken off the list because 'Follow the Privacy act' has been turned into 3 specifications after doing some research on the Privacy Act
- *Include what the stakeholders want in the final Solution* This has been taken off the list because what the stakeholders wanted has been put into specifications
- *Contains Information on the rules, history of basketball and also great basketball players.* This has been taken off the list because it has been turned into a range of specifications with better detail
- Can be Made with Flash, Audacity, Fireworks, SketchUp
- Must contain information on Dribbling Rules (Traveling, Carrying and Double Dribble)
- Must contain information on Scoring Rules
- Must contain information on the number of players
- Must contain information on Timing Rules (3 seconds, 5 seconds, 8 seconds)
- Must contain information on Fouls (offensive and defensive) and Free Throws
- Must contain information on Other Rules (24 seconds, illegal assists and goaltending)
- Have the menu on the top and bottom of each page and the content in the area between.
- In the quiz, when you score a point then your score on a scoreboard goes up by 2
- Have 2 main characters
- *Image size <60k, alternate text for images* This is more suitable for internet solutions. Not necessary for a CD solution
- Naming conventions for files, page titles are meaningful
- Check in multiple browsers- Macs and PCs
- Design for 800x600 resolution
- Websafe colors
- No dead ends
- Don't link to any inappropriate sites
- Don't give out personal details
- Don't use obscene/offensive language or images
- Don't copy other people's material or use their material without their permission

Final Brief

Conceptual Statement

The issue is that there is not enough multimedia information about basketball and how to play basketball.

The solution to this problem is to create a multimedia CD called "Beginner's Basketball" that has information about the rules of basketball and basketball's history and great players. This CD will contain a quiz to test the user's knowledge on basketball.

Specifications:

- All information must be accurate at the time the solution is finished
- The solution must be easy to navigate
- There must be no Scrolling Needed in the whole solution
- Solution must be on a CD
- Solution must be made in Flash so all that it needs to work on a computer is Flash Player (can be downloaded for free)
- Solution must contain no discrimination whatsoever
- Must use Colour, Sound, Interactivity, Animations
- Must use language for basketball players (not rocket scientists!)
- Solution must be finished by it's due date
- Solution can be Made with Flash, Audacity, Fireworks, SketchUp
- Must contain information on Dribbling Rules (Traveling, Carrying and Double Dribble)
- Must contain information on Scoring Rules
- Must contain information on the number of players
- Must contain information on Timing Rules (3 seconds, 5 seconds, 8 seconds)
- Must contain information on Fouls (offensive and defensive) and Free Throws
- Must contain information on Other Rules (24 seconds, illegal assists and goaltending)
- Must contain information on basketball's history and it's great players
- Solution must have the menu on the top and bottom of each page and the content in the area between.
- In the quiz if your answer is correct your score on a scoreboard goes up by 2. If wrong the opponents score goes up by 2.
- Solution must have 2 main characters
- Must use naming conventions for files, page titles must be meaningful
- Must check if solution works in multiple browsers- Macs and PCs
- Must design solution for 800x600 resolution
- Must use websafe colors in the solution
- Solution must have no dead ends
- Solution must not link to any inappropriate sites
- Do not give out personal details
- Solution must not contain obscene/offensive language or images
- Do not copy other people's material or use their material without their permission