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| **Story Board for Brisbane IT Crowd Presentation** | | |
| Scene | | Script |
|  | **Introduction** | Fade in introduction |
| 1 |  | The presentation opens with an image of food waste fading in. There will be a series of pictures and statistics in a slideshow format while the voice over does the introduction / overview in the background. (See below for intro dialog). The introduction should take approximately 2 minutes to complete and then will be taken over by other team members that will talk about production / testing, risks and conclusion of our project for the remaining 3 minutes. |
| 2 |  | The next scene is a statistical image while the intro is being delivered in the background. |
| 3 |  | The next scene is another statistical image while the presenter continues with the introduction. |
| 4 |  | The next scene is another statistical image while the presenter continues with the introduction. |
| 5 |  | The next scene is another statistical image while the presenter continues with the introduction. |
| 6 | **Introduction Dialog / Overview – Motivation** | Welcome to the Brisbane IT Crowd Project.  Our project is based on humanitarian needs and we have decided to create an application that helps to prevent food waste in the household, and indeed the world. Our application will be a mobile based app that will calculate how much food intake should be consumed by a user. This calculation will be achieved through determining a Body Mass Index (BMI) for the user based on information entered by the user. Information such as height, weight, age and activity. Once the user has input the necessary data, our application will go through a series of pages which will allow the user to make choices as to whether they would like to choose a recipe to cook a meal or to create a shopping list based on the recipe they have chosen. The ingredients for each recipe will be portion controlled as per the users BMI, therefore calculating the exact amount of food the user should be buying and cooking. The application will cater for as many people as the user determines, for example, if the user wanted to host a dinner party of 4 couples, then they would enter in the details of each person into the app to enable calculation of the correct amount of ingredients.  Ideally we would like to reach as many individuals as possible with a particular focus on young people under 24 years old. The reason for this is that they are among the top percentiles of food wasters. As we have been scrolling through various images of food waste and seeing some pretty alarming statistics, we hope that you can appreciate where our motivation has come from. Even if our application only prevented 1% of food being wasted in the world, the impact would be enormous. |
| 7 | **Project Production / Testing** |  |
|  |  | Voice Over steps through the production and testing process.  *Describe the logic process of the application*   * User inputs stats: height, weight, gender * BMI calculated from input stats   <https://www.heartfoundation.org.au/your-heart/know-your-risks/healthy-weight/bmi-calculator>  Weight / (height x height)  Average daily calorie / kilojoule intake sourced from creditable external source  How much do I need to eat?  The amount of energy you need each day to maintain your weight depends on your age, gender, height, weight and physical activity level. Your weight history can also influence your daily requirements. The information in this table is for the average adult, so will need to be adjusted.    If you are older, you will need to reduce your kilojoule intake by around 500kJ (female) or 1300kJ (male) – this will vary depending on how active you are.    If you are younger, males should be consuming about 800kJ more, while females should maintain approximately the same kilojoule content as mentioned for the 31- to 50-year-old females.  Females   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Height | Age | Weight | Activity | kJ/day | Calories/day | | 1.6m | 31-50 | 60kg | Sedentary\* | 7600 | 1800 | |  |  |  | Moderate\*\* | 9800 | 2350 |   Males   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Height | Age | Weight | Activity | kJ/day | Calories/day | | 1.9m | 31-50 | 70kg | Sedentary\* | 9900 | 2400 | |  |  |  | Moderate\*\* | 12700 | 3000 |     \*Sedentary – seated work with little or no strenuous leisure activity.  \*\*Moderate – standing or walking work, or sedentary work with regular exercise of at least 30 minutes.    Please note  Average energy intakes vary between individuals, therefore please use this information as a guide only. If you are unsure of how to interpret this information, consult a dietitian or your GP for your own personalised advice and guidance.  Source: <https://www.healthyfoodguide.com.au/resources/nutrition-guidelines>     * Recipe selection is then made available based on BMI, intake requirements   + Breakfast recipes   + Lunch recipes   + Dinner recipes   + Snack recipes * User selects recipe * App calculates the required ingredients for the selected recipe * App "learns" about user over time, sourcing and pushing suggestions / ideas of new ways to reduce food waste * Functional Extension: link selected ingredients to shopping app (Coles / Woolworths etc)   *Testing phase*  Software   * Common web browsers, IOS, Android compatibility   User test groups   * Focus groups * Diverse range of people by age, gender BMI * Looking for issues such as food allergies where ingredients may need to be substituted * Record users reported issues, suggestions and bugs for investigation prior to app go live date   Validation   * Generate report from test groups that show the app delivers its goal * Food wastage down yes/no? * Report benefits of portion control tailored individual user's calorie intake * Further benefits for user friendliness – app can generate user a shopping list, app can auto order groceries required through Woolworths and Coles on-line |
|  |  | Potential app interface design  Explain each screen that:   * accepts input * Performs calculation * Makes recommendations * Suggests recipes * Provides option to place an order online with a vendor |
| 8 | **Schedule / Timeframe** |  |
|  |  | Voice Over steps through the Schedule / Timeframe process. *Insert dialog here*   * Initial planning, projection and implementation stages will be tightly scheduled to correspond with the Go-Live date. * Schedule process will be over a 6-month period; testing and gathering data to be able to do more testing with end users to familiarise with the app. * Timeframe, depending on the completion of test phases, data structure and implementation of the project is estimated to be within 6 months, which is also the Go-Live date. |
| 9 | **Risks / Constraints** |  |
|  |  | Voice Over steps through the Risks and Constraints.  *Insert dialog here*   * Not being able to identify an app builder that will be user-friendly to build what we want that will also cater for the team's level of knowledge. * Not being able to find a recipe database based on minimal ingredients or portion-controlled meals. * Being held up on development therefore pushing the project plan out of date. * Marketing the app without proper marketing resource. |
| 10 | **Conclusion** |  |
|  |  | Voice Over steps through the Conclusion.  *Conclude the presentation by reiterating the aims of the project and show how the production, schedule and tools used will achieve the desired outcome*  Our project is to ensure that food waste is eradicated to a minimum. Food waste is a huge problem in our society and the trend is continuous. In 2017, there are approximately 7.53 billion people in the world. With 925 million starving people in the world, it is reported that 1.3 billion tonnes of food wasted. The amount of food waste can feed those who are starving. The project was initiated to bind the idea into reality.  Firstly, educating people is the first step. By educating people, we will encourage them to minimise food waste. We are encouraging people to plan their meals, to use our application to monitor their planning stages; meal plan, preparation, cooking and discarding any food wastage. As food waste is a fact, the project is to ensure that we are making a difference today and for the future. |