This is a plan for the website, MemeKitty, developed for Bierkitty. This is a personal project. Not intending to go online.

## Project overview:

It will be a website that will feature memes I have made for Bierkitty. It will feature categories so that the memes are grouped together and organised, to make it easy to find what to look for, if the website is to go online. It will feature a search feature. It will also feature private areas that need special permission to access them. Memes in which I insult someone, such as Sahithi, will go in there. And memes going in other categories can be hidden from regular users (and regular members) so that memes don’t have to be unnecessarily spread out. I need to make it possible to upload memes from inside the website, as a member. The website will also feature a page dedicated to the Kitty names, like PyroKitty and SavageKitty. Images should feature comment sections (that are limited to members).

Test regularly, at every designated milestone. And get feedback from Bierkitty herself. Also get feedback on designs and features.

This project will require HTML, CSS, JavaScript, and probably SQL or some database management.

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| Task # | Task | Description | Deadline | Completed |
| 1 | To-do list for requirements | Create a list of everything I want on the website.   * What features? * Functions? * Interactivity? * If possible, plan for each of those items. | 24/07/18 |  |
| 2 | Research For Design | Research storyboarding, mock-ups, and other design things for the website. Look up low, medium and high fidelity design. | 24/07/18 |  |
| 3 | Sketch website layout and mock-ups | Sketch the layout of the website and do mock-ups. Do medium and high-fidelity design. | 24/07/18 |  |
| 4 | Storyboarding | Do storyboarding. Storyboard should feature:   * A basic design of the pages * Functional requirements * Objects and properties. * It should feature some basic HTML/CSS planning for the elements | 25/07/18 |  |
| 5 | Create directory for website and start on Index.html and Style.CSS | Begin creating the website.   * Create the directory and folders. Folders include images, members, and videos. More can be created later. * Then create Index.html and Style.CSS. Fill it with description of website and basic content and style it according to designs. | 25/07/18 |  |
| 6 | Navigation bar | A vertical navigation bar at the top with mouse-over effect on the buttons. | 25/07/18 |  |
| 7 | Logo – PepeKitty image | Use the PepeKitty image for the site logo. Add hyperlink to it to the home page. | 25/07/18 |  |
| 8 | Create pages for categories – to be filled in later | Create pages for the categories so that I know what I will be making later. I do not need to fill them out just yet. Categories include:   * Cute frown * laike what you got * Sorries * Pokémoon (call it Pokémoon). * Make a page for Bierkitty names. | 25/07/18 |  |
| 9 | Develop the pages | Develop content on the pages. Upload images on appropriate pages. Make them thumbnails or short images that can be enlarged. Could create mouse over effect on them. | 26/07/18 |  |
| 10 | Create sitemap | Make sitemap page and provide a link to all of the pages | 26/07/18 |  |
| 11 | Test #1 – Milestone #1 | This is the first milestone. Test the website so far. Ensure things work as they should.   * Do all links work, and on every page? * Do images resize if they are meant to? * Do all images show? * Test using Chrome and Mozilla. | 26/07/18 |  |
| 12 | Add search feature | The search bar goes on the page at the top. Make it and then make it functional. | 28/07/18 |  |
| 13 | Create membership feature | Add registration and develop some data handling for accounts.   * Create register and login pages. * Add security – include some reCaptcha or something. * Passwords must feature a number and a minimum of 6 characters. * Add validation for matching names and email addresses. | 30/07/18 |  |
| 14 | Comment sections | Add comment section to pages.   * Make it threading like Reddit. * Add upvote and downvote. * Add report button. * Develop moderation features from the comment section, so they can ban, delete and mute members, and delete comments. * Members must also be able to edit their own comments (and show edit history). | 30/07/18 |  |
| 15 | Add access levels | Make sure some features, pages, and images, have access levels. Users need permission to see things.   * What can guests see? * What can ordinary members see? Or moderators? Or admins? * Guests should not be able to upload things or make comments. * Must be able to give someone permission from inside the site. * Normal members should not be able to add a new category. | 4/08/19 |  |
| 16 | Be able to upload content | You need to be able to upload images on the website, rather than from my end.   * A member should be able to upload their own Bierkitty meme and select where it goes, and create their own category if they want. * Create restrictions on image sizes and file types. | 4/08/19 |  |
| 17 | Test #2 – Milestone #2 | This is the second milestone. Test all links again.   * Test the search bar. * Test the membership feature, try to break it. Can you have matching usernames? Or email addresses? * Can a guest make a comment? * Can a guest upload something? * Can a normal member add a new category? * Can I make a member a moderator or give permissions? | 4/08/19 |  |
| 18 | Develop account / profile feature | Create pages for accounts.   * Allow users to be able to upload avatars and add details about themselves. * Allow admins to moderate members from their profile. * Add a section for their comments and a section for their uploads. They can create custom categories there. | 7/08/19 |  |
| 19 | Add buddy system | Add friends from the website. Must be able to remove friends. | 7/08/19 |  |
| 20 | Create private messaging | Make a PM feature between members.   * Try to develop a feature that flags up some words for admins. * Give admins access to PMs, but not moderators. | 7/08/19 |  |
| 21 | Blocking feature | Be able to block members, so they can’t interact and see each other or their comments. Cannot block admins. | 7/08/19 |  |
| 22 | Test #3 – Milestone #3 | This is the final stage of the development. Test all features.  Test new features.   * Can users upload avatars? Can they go outside the size and file restrictions? * Can admins moderate them from their profile? * Can members create custom categories? * Can you add friends from the website? And remove them? Can members block them? Can members block admins? * Do certain words flag up? Can admins read PMs? Can moderators read PMs? | 7/08/19 |  |
| 23 | If website is finished, develop test plan and test log. Do final test. | Test everything.  Create a test plan, with categories: test number, pages, details, expected outcome.   * Create test log with categories for test number, pages, details, expected outcome, and actual outcome, which will contain error reports on anything that fails. | 8/08/19 |  |
| 24 | Evaluation | Evaluate the project.   * How did it go? * What difficulties did I face? * What went well? * Did it go all according to plan? * How different does the final plan look? * Was the website a success? What would I do differently next time? What have I learned? * Did I meet all deadlines? Were they reasonable? Which ones did I miss? | 8/08/19 |  |
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