Project Proposal: An Application That Does A Thing

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1   Overview

This is the overview. The overview should let the reader know that this document is describing a proposed application. It should also give a brief overview of what the application is – but not give away too much information. Keep it brief. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum [4].

2   Project Description

This is the meat of your proposal. Here is where you describe the detailed features that you'd like to include in the application. There should be a few mock-up images here [1]. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

As you see in Fig. 1 you should include a basic mock-up of what your application will look like. This will help give the reader a better idea of exactly what you are proposing. It is also a good idea to include a flow-chart to show functionality.
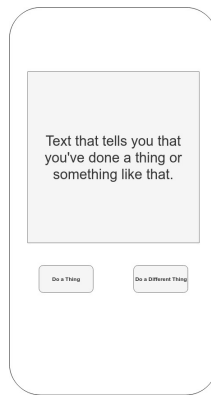
Figure 1: A thing.

There's an example in Fig. 2. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
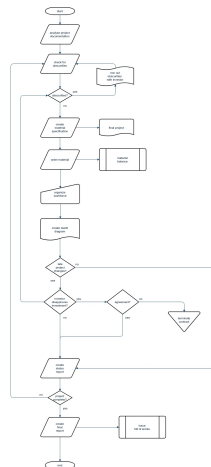

Figure 2: A flowchart for the sake of a flowchart.

The flowchart above is way too hard to read. You can change the size of an image by changing "width" inside the includegraphics tag. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation

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3   Technical Specifications

This is where you will give the technical specifications of your project. For example, will you be using firebase or something like that? Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

4   Time-line

This section is really important. This is where you will give a list of milestones that you want to meet and when you will meet them by. Here is a list of milestones:

- Milestone 1: Do a thing – October 25th 2019

- Milestone 2: Do another thing – November 1st 2019

- Milestone 3: Do a third thing – November 20th 2019

- Milestone 4: Almost done – November 29th 2019

- Milestone 5: Everything is finished – December 12th 2019

Another great way to organize your project is do develop a Gantt chart (give it a google – there's loads of documentation on Gantt charts). Fig. 3 shows an example of what a Gantt chart might look like.

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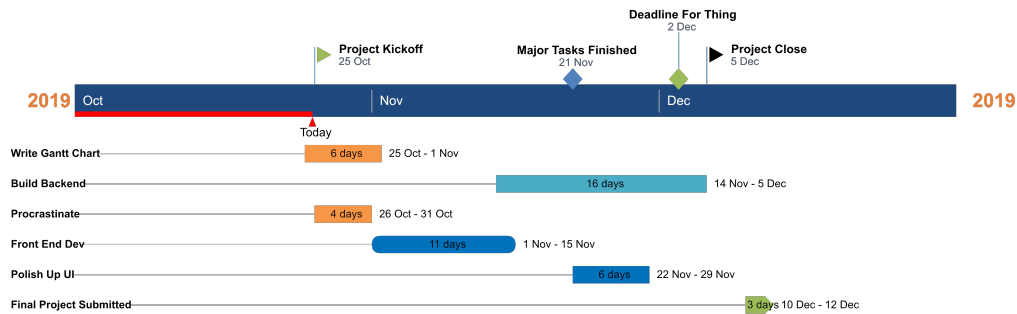
Project Timeline

Figure 3: This is a Gantt Chart. It's a great way to organize your project development!

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A   Figures

If you have any figures that you want to include that you couldn't fit in the rest of the document you will want to put them here.

Figure 4: Look at those stupid floppy ears!

Figure 5: I just wanna smooch that fuzzy little face!

Figure 6: It's so stupid cute!

References

[1] V. I. Hart. Pi is (still) wrong, 2011.

[2] N.J. Higham. *Handbook of writing for the mathematical sciences*. Society for Industrial Mathematics, 1998.

[3] Jean Marie Linhart. Teaching writing and communication in a mathematical modeling course. *PRIMUS*, 24(7):594–607, 2014.

[4] Wikipedia. Fractal, 2012.