



Proposal template



Table of contents

| | |
|---|----------|
| 1 Introduction | 1 |
| 1.1 Summary links | 1 |
| 1.2 Status | 1 |
| 1.3 Proposal | 1 |
| 1.4 About | 1 |
| 2 Project | 2 |
| 2.1 Description | 2 |
| 2.2 Software | 2 |
| 2.3 Hardware | 2 |
| 3 Timeline | 3 |
| 3.1 Timeline summary | 3 |
| 3.2 Timeline detailed | 3 |
| 3.3 Community Bonding Period (May 1st - May 26th) | 3 |
| 3.4 Coding begins (May 27th) | 3 |
| 3.5 Milestone #1, Introductory YouTube video (June 3rd) | 4 |
| 3.6 Milestone #2 (June 10th) | 4 |
| 3.7 Milestone #3 (June 17th) | 4 |
| 3.8 Milestone #4 (June 24th) | 4 |
| 3.9 Milestone #5 (July 1st) | 4 |
| 3.10 Submit midterm evaluations (July 8th) | 4 |
| 3.11 Milestone #6 (July 15th) | 4 |
| 3.12 Milestone #7 (July 22nd) | 4 |
| 3.13 Milestone #8 (July 29th) | 4 |
| 3.14 Milestone #9 (Aug 5th) | 4 |
| 3.15 Milestone #10 (Aug 12th) | 4 |
| 3.16 Final YouTube video (Aug 19th) | 4 |
| 3.17 Final Submission (Aug 24nd) | 4 |
| 3.18 Initial results (September 3) | 4 |
| 4 Experience and approach | 6 |
| 4.1 Contingency | 6 |
| 4.2 Benefit | 6 |
| 4.3 Misc | 6 |
| 4.4 Suggestions | 6 |

Chapter 1

Introduction

1.1 Summary links

- **Contributor:** [Ayush Singh](#)
- **Mentors:** [Jason Kridner](#), [Vaishnav Acath](#)
- **Code:** [Google Summer of Code / greybus / cc1352-firmware](#) · [GitLab](#)
- **Documentation:** [Ayush Singh / docs.beagleboard.io](#) · [GitLab](#)
- **GSoC:** [Google Summer of Code](#)

1.2 Status

This project is currently just a proposal.

1.3 Proposal

Please complete the requirements listed on [gsoc-contributor-guide](#) and fill out this template.

1.4 About

- **Forum:** [u/ayush1325](#) (Ayush Singh)
- **OpenBeagle:** [ayush1325](#) (Ayush Singh)
- **IRC:** [jkridner](#) (Jason Kridner)
- **Github:** [jadonk](#) (Jason Kridner)
- **School:** Greatest University
- **Country:** Worldistan
- **Primary language:** Igpay Atinlay
- **Typical work hours:** 8AM-5PM US Eastern
- **Previous GSoC participation:** N/A

Chapter 2

Project

Project name: About my super cool project.

2.1 Description

In 10-20 sentences, what are you making, for whom, why and with what technologies (programming languages, etc.)? (We are looking for open source SOFTWARE submissions. By the way, Verilog for programming an FPGA is considered software by us.)

2.2 Software

Which software or technology stack are you going to use to complete this project.

2.3 Hardware

A list of hardware that you are going to use for this project.

Chapter 3

Timeline

Provide a development timeline with 10 milestones, one for each week of development without an evaluation, and any pre-work. (A realistic, measurable timeline is critical to our selection process.)

Note: This timeline is based on the [official GSoC timeline](#)

3.1 Timeline summary

| Date | Activity |
|-------------|---|
| February 26 | Connect with possible mentors and request review on first draft |
| March 4 | Complete prerequisites, verify value to community and request review on second draft |
| March 11 | Finalized timeline and request review on final draft |
| March 21 | Submit application |
| May 1 | Start bonding |
| May 27 | Start coding and introductory video |
| June 3 | Release introductory video and complete milestone #1 |
| June 10 | Complete milestone #2 |
| June 17 | Complete milestone #3 |
| June 24 | Complete milestone #4 |
| July 1 | Complete milestone #5 |
| July 8 | Submit midterm evaluations |
| July 15 | Complete milestone #6 |
| July 22 | Complete milestone #7 |
| July 29 | Complete milestone #8 |
| August 5 | Complete milestone #9 |
| August 12 | Complete milestone #10 |
| August 19 | Submit final project video, submit final work to GSoC site and complete final mentor evaluation |

3.2 Timeline detailed

3.3 Community Bonding Period (May 1st - May 26th)

GSoC contributors get to know mentors, read documentation, get up to speed to begin working on their projects

3.4 Coding begins (May 27th)

3.5 Milestone #1, Introductory YouTube video (June 3rd)

3.6 Milestone #2 (June 10th)

3.7 Milestone #3 (June 17th)

3.8 Milestone #4 (June 24th)

3.9 Milestone #5 (July 1st)

3.10 Submit midterm evaluations (July 8th)

Important: July 12 - 18:00 UTC: Midterm evaluation deadline (standard coding period)

3.11 Milestone #6 (July 15th)

3.12 Milestone #7 (July 22nd)

3.13 Milestone #8 (July 29th)

3.14 Milestone #9 (Aug 5th)

3.15 Milestone #10 (Aug 12th)

3.16 Final YouTube video (Aug 19th)

Submit final project video, submit final work to GSoC site and complete final mentor evaluation

3.17 Final Submission (Aug 24nd)

Important: August 19 - 26 - 18:00 UTC: Final week: GSoC contributors submit their final work product and their final mentor evaluation (standard coding period)

August 26 - September 2 - 18:00 UTC: Mentors submit final GSoC contributor evaluations (standard coding period)

3.18 Initial results (September 3)

Important: September 3 - November 4: GSoC contributors with extended timelines continue coding

November 4 - 18:00 UTC: Final date for all GSoC contributors to submit their final work product and final evaluation

November 11 - 18:00 UTC: Final date for mentors to submit evaluations for GSoC contributor projects with extended deadline

Chapter 4

Experience and approach

In 5-15 sentences, convince us you will be able to successfully complete your project in the timeline you have described.

4.1 Contingency

What will you do if you get stuck on your project and your mentor isn't around?

4.2 Benefit

If successfully completed, what will its impact be on the BeagleBoard.org community? Include quotes from BeagleBoard.org community members who can be found on our [Discord](#) and [BeagleBoard.org forum](#).

4.3 Misc

Please complete the requirements listed in the [General Requirements](#). Provide link to merge request.

4.4 Suggestions

Is there anything else we should have asked you?