**Systers 2017 GSOC Student Application**

*Questions 2-6 required.*

## Community Questions

1. [Optional] Are you a Syster ([www.systers.org](http://www.systers.org/))? Would you join if you are accepted? (Note: Systers is only open to women in computing; if you are male, you may not join, though you are welcome to join [systers-dev](http://systers.org/mailman/listinfo/systers-dev) and our [Slack](http://systers.io/slack-systers-opensource/) team channel.)

**No , I’m not a Syster .**

2. How can we reach you (email, GTalk, Slack etc.) if we have questions about your application?

You can reach me via email , Slack .

**Email -** [**rathishubham017@gmail.com**](mailto:rathishubham017@gmail.com)

**Slack –** [**shubhamrathi@icloud.com**](mailto:shubhamrathi@icloud.com)

3. What is your github username(s):

github username – rathishubham7

## Project Specific Questions

4. Which Systers GSoC project are you applying for (***please submit a separate application for each project***):

**ConApp (iOS)**

[List of Projects](https://github.com/systers/ossprojects/wiki/GSoC-2017)

4a. What do you plan to accomplish over this summer for this project? (Should be in timeline format. Please tell us what project you want to work on, how you will approach working on that project, and what your milestones are with dates included. You may ask for help from mentors in Slack in the #gsoc-questions channel if you are unsure about this process. Although, being able to realistically estimate how much you will be able to accomplish is an **important part** of this proposal.)

**30th May – 6th June**

* Review on UI Mocks by mentor .
* Finalising Changes on Design Mocks.
* Making a prototype using [inVision](https://www.invisionapp.com/) or any other similar tool (*if required*).

5. Please answer questions appropriate to the stage of the project/your contribution level:

5a. [Optional] Setup your environment for the project you chose in question #4. Include the link of your forked repository and a screenshot of your laptop running the application. (Make sure the screenshot contains the time and date as well.)

5a. [Optional] Look through the issues opened on the project’s GitHub page and find a bug. Comment on the issue that you are a GSoC aspirant. Link the issue and the pull request here. (DO NOT copy anyone else’s work.)

5b. [Optional] Include wireframes of the new applications. Which prototyping tool did you choose? Include [notes](http://media.balsamiq.com/img/support/docs/m4d/markup-on.png) of each element (i.e. [accordion menu](http://ui-patterns.com/patterns/AccordionMenu), [bottom navigation](http://uipatterns.io/bottom-navigation), etc.) and why you chose that method/icon.

5c. [Optional] For new apps, what do you believe are the minimum features required? Why? For established apps, what areas do you believe can be improved? How?

6. [Optional] If you have your own project to propose, please describe it here: (Include all of the above questions if they help form your project idea.)

## Systers Projects

### Mailman

*If you are interested in Mailman, please answer questions 7 & 8.*

7. We/Systers work very closely with the Mailman community. We have a very customized version of older Mailman version, but have contributed to Mailman 3.0. During installation, what problems, if any, were presented? Describe those problems. Was there anything that prevented you from getting the entire system up and running?

8. We are converting to MM3 from MM2.12. There are 3 administrative reporting [issues](https://github.com/systers/mailman3/issues) open. How would you approach these issues? (We aren't that interested in actual solution, but more in how you went about learning about the code and solving a problem. Please describe your experience from that perspective)

### Powerup

*If you are interested in Powerup, please answer question 9-10.*

9. Some of these images are not clean or minimal. Do you have any design experience? Please include samples of your design work. What can be removed or improved upon with Powerup’s design to help attract younger generations of girls to use the app?

10. What kind of experience do you have with mobile applications? Have you ever worked on game development? Please describe your experience in detail.

### Conference/Volunteer App

*If you are interested in Conference/Hopper projects, please answer question 11-12.*

11. What kind of experience do you have with Android, iOS, or Windows Phone development? Do you have any design or UI experience? Describe in detail. Include any links to previous work/projects.

12. Have you had any experience with accessibility design? How do you develop/design applications to be inclusive for people with disabilities?

## Peace Corps Projects

This year we are working on various Peace Corps (PC) projects. This is truly an agile environment and working with Systers, technical mentors and/or PC reps and PC volunteers (PCVs). Engagement will be crucial.

### Web Projects

*If you're interested in any of the Web Projects, please answer questions 13-15.*

13. Have you worked in web development? HTML, PHP, JS, Python, Django, Ruby, Rails, or Perl? If so, please describe your experience or project (i.e. school assignment, personal project or other experience). Include any relevant links.

14. Do you have any experience working with humanitarian projects?

15. PCVs are often located in offline areas. What kind of experience, if any, do you have with working on projects to make them available both online and offline?

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## Testing Projects

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### Automated Unit Testing Project

*If you are interested in AUT projects, please answer question 15-16.*

15. What kind of experience do you have with Java, Python, Selenium, or Travis CI? Please describe the experience, what you learned, and how you worked with others to gain needed information.

16. What would be your strategy for testing the same application across three platforms? (i.e. Conference App has iOS, Android, and Windows)

## General Development and Education Questions

*All questions (17-24) must be answered in this section.*

17. Why do you think you are a good candidate for this project? Describe the skills you confidently bring to the project, what you hope to learn from working on this project, and your interest in the Systers mission.

18. We have various projects in Python, Ruby, Android, iOS and Ushahidi. Describe the *largest* project you have completed in any of the programming languages mentioned. (Include # of members, time zones, etc.) If you haven't used any of the programming languages, describe the programming experience you have that will allow you to learn a programming language quickly and be successful on this project.

19. We use GitHub for our projects. Do you have experience with any version control software? Please describe the experience and list the different softwares.

20. Describe any commitments you have over the time period of GSOC (including the community bonding period), such as classes, a summer job, vacation plans, final exams, master's thesis, etc.

21. Education:

* What year are you in school?
* What programming courses have you taken?
  + What did you like about them? What did you not like?
* What is your major?
  + Why have you chosen that?
* Have you done group projects (programming or otherwise)?
  + What was your primary contribution/role in the group?
  + What made working in a group better than alone? What made it harder?

22. Do you have professional work experience in programming? Tell us about it.

23. Do you have previous open source experience? (Not including the work mentioned about Systers’ projects contributions.) Tell us what you have done. (i.e. Hacktoberfest, etc.)

24. What would your dream job be if money was not a factor? (i.e. bookstore owner, dog walker, professional cupcake taster etc.)

25. Schedule a 15 min interview with Maybellin Burgos. Fill out this [whenisgood](http://whenisgood.net/systers-gsoc17-interviews) and May will reach out with a Google Calendar invite.