



GeekSurvey

Project Mini Introduction



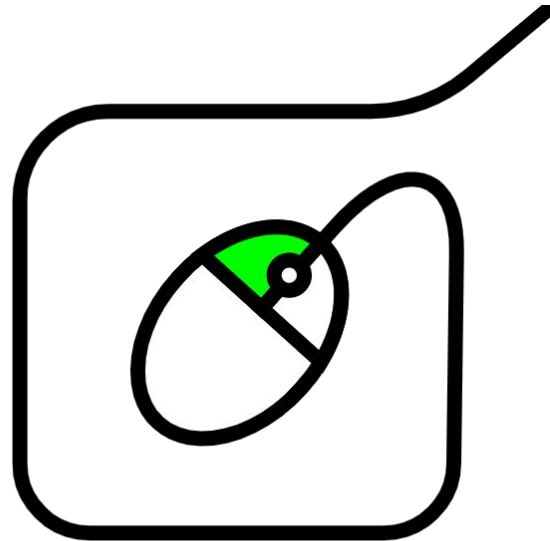
The SuperGeeks Team

SuperGeeks: Team Members

- Tim Giroux
- Kyle Austria
- Gustavo Valencia
- Pengfei Liu

Mentor

- Felicity Escarzaga



GeekSurvey: The Big Picture



Client Introduction



Dr. Marco Gerosa

SICCS Software Engineering
Research Laboratory

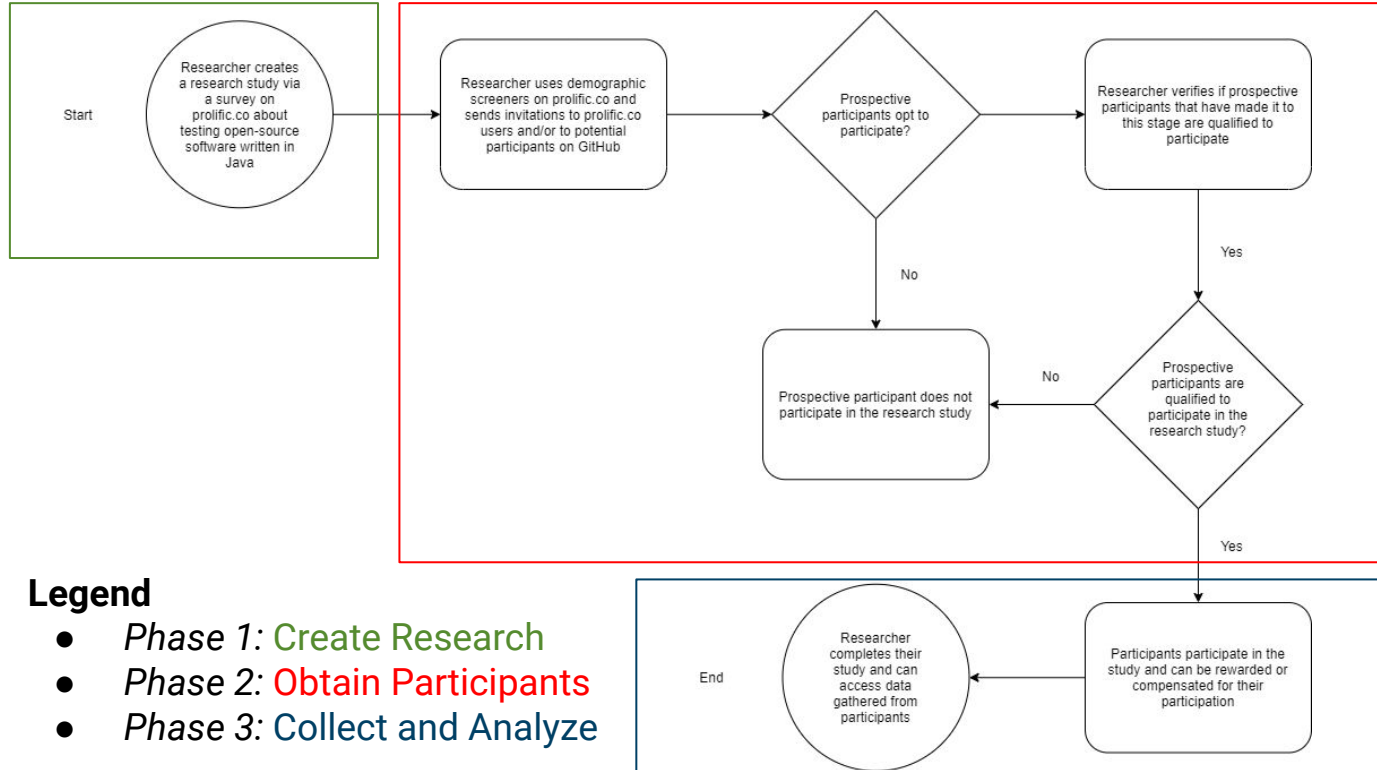


Dr. Igor Steinmacher

SICCS Software Engineering
Research Laboratory

- Research the intersections of Software Engineering and Computer Supported Cooperative Work and Social Computing (CSCW)
- Currently work on supporting open-source software (OSS) development communities

Client's Business Process



Legend

- Phase 1: Create Research
- Phase 2: Obtain Participants
- Phase 3: Collect and Analyze

The Problem at Hand

- Difficulty obtaining participants:
 - Low response rate (5-10%)
 - Biased results



How we Intend to Solve the Problem



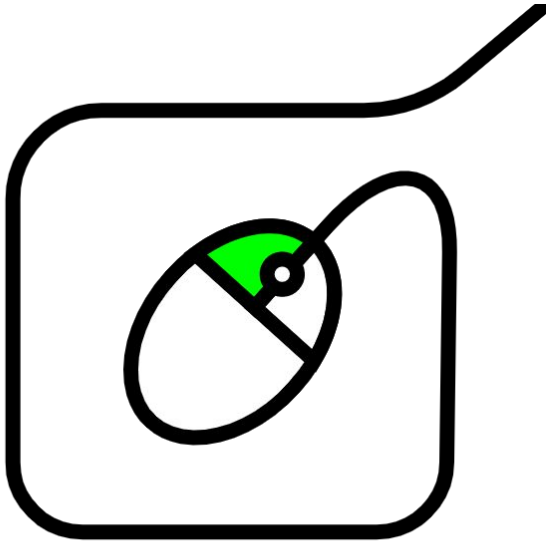
- Researchers:
 - Create account
 - Create studies
 - Manage / monitor studies
 - Specify criteria for participants
 - Send invitations to valid participants
- Participants:
 - Create account
 - Link to Github
 - Enroll in active studies
 - Notifications for study opportunities
 - Contact study organizers

Plan for Development

- Requirements Acquisition/Refinement
 - Client communication
 - Requirements webpage
- Technical Investigation
 - Web hosting
 - Security
- Other Issues
 - Competing products



Bringing it Together



- GeekSurvey has the potential to help people create great research.
- Roughly 70% of papers at software conferences involve human participants.