



CodeCollab Lightning Talk

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Problem Statement

Many times during the development process, software engineers require expertise on areas they are unfamiliar with. Within a company there exist experts in different fields who can assist with these issues. However, an employee doesn't know everyone who can help.

How can we help connect these readily available experts to coworkers who need assistance?



Proposed Solution – CodeCollab

- Our proposed solution is to create CodeCollab, a platform which connects experts within an organization to users.
- Database of experts in an organization in different areas of expertise.
- An algorithm to match the user and an expert best suited to help.
- Includes feature which automatically creates a meeting with the earliest available expert.



Relation to Overall Project Goal

- Helps efficiently connect struggling engineers to experts within their company.
- Provides for an ease of communication and information delivery within a company.
- Reduces time to resolve technical issues.



Use Case

Use Case: User needs help implementing UI

Preconditions: User needs to join their organization within the application

Main Flow: User will request assistance, looking for UI experts within the company [S1]. Platform will provide experts within the company and available meeting times [S2]. A meeting appointment will open on GCal or Outlook [S3].

Subflows:

[S1] User describes type of design/development issue

[S2] Platform perform an algorithm to find best engineers to help with the issue

[S3] Platform connects to GCal/Outlook and creates a meeting

Alternative Flows:

[E1] No meeting time is available

[E2] No expert available



Questions?