




TEAMS SYNC


DECIDE. ASSIGN. SYNC.


Mission Statement


Designing software systems is often slow and error-prone because teams struggle to assign responsibilities and define collaborations. TeamSync makes this process fast, interactive, and collaborative. Team members swipe to accept, reject, or suggest responsibilities for classes, while LLMs provide suggestions, detect conflicts, and summarize rationale. Developers, project managers, educators, and students can quickly reach consensus, reduce errors, and automatically generate well-documented CRC models, turning tedious design discussions into productive, gamified sessions.


MILESTONE CASES


**1** **User Login & Session Setup** | Create user accounts and initiate collaborative CRC sessions
Oct. 10


Oct. 17 | Display class cards with proposed responsibilities to all user in real-time | **CRC Card Presentation** **2** 


**3** **Voting Mechanism** | Display class cards with proposed responsibilities to all user in real-time
Oct. 24

Oct. 31 | Detect when all users accept a responsibility or highlight conflicts | **Consensus Detection** **4** 

**5** **Conflict Resolution Prompt** | Trigger notifications or discussion when there is disagreement
Nov. 7

Nov. 14 | Generate proposals, detect conflicts, and summarize rationale | **LLM Suggestions** **6** 

**7** **Documentation & Export** | Produce exportable CRC cards, UML diagrams, or reports
Nov. 21

Nov. 28 | Track user decisions, time spent, and agreement rates | **Analytics & Feedback** **8** 

Stakeholders


Software Developers / Engineers
Project Managers
Team Leads
Quality Assurance / Testers
Product Owners
Business Analysts
System Administrators
DevOps



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Classes


Filter Suggestions

 Software Developers

- initialize()
- update_presentation()
- handle_click()


Rationale

LLM: BookingWidget is responsible for updating the presentation in response to new bookings, while Calendar manages the booking data.

 Project Managers / Team Leads

Rationale

LLM: BookingWidget is responsible for updating the presentation in response to new bookings, while Calendar manages the booking data.

 Calendar

Update presentation based on changes to calendar bookings

Accepted

Rationale

LLM: BookingWidget is responsible for updating the presentation in response to new bookings, while Calendar manages the booking data itself.

Liz Jones

Reject

Accept

Suggest

Implement new bookings with date validation

Suggested

Sue Smith

Reject

Accept

Suggest

Fetch booking data from the database

Conflict

LLM: Calendar should fetch the booking data from the data-manages the booking data itself.

Liz Jones

Reject

Accept

Suggest

Project Managers / Team Leads

Rationale

BookingWidget is responsible for updating the presentation in response to new booking, while Calendar manages the booking data.

Calendar

Implement new bookings with date validation

Suggested

Liz Jones

Reject

Accept

Suggest

Review Conflict

Fetch booking data from the database

Rejected by Liz Jones.

LLM. Calendar should stretch the dalenale, or suggest an alternative.

Cancel

Confirm

Reassign

GROUP 10

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