

SCRUM MEETING WEEK 13 - Team Accord

✓ Sprint planning checklist

| Preparation | Meeting | Follow up |
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| <ul style="list-style-type: none">- Understanding how to integrate components within the main application shell (propagating required data across components) | <ul style="list-style-type: none">- Reviewing the quality of completed tasks and finalizing our approach in order to complete all tasks by April 12th- Discussing our approach to completing our application code in addition to compiling the M5 final report | <ul style="list-style-type: none">- Ensuring that all previously completed components are integrated within the main application shell |

👥 Sprint team members

| Name | Role |
|-------------------|--------------|
| Colin Lefter | Scrum Master |
| Hoc Nguyen | Developer |
| Toby Nguyen | Developer |
| Bao Pham | Developer |
| Immanuel Wiessler | Developer |

✏️ Sprint planning meeting items

Previous sprint summary

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| Sprint theme | Finalizing M4 + Working on Server & Group chat functionalities |
| Issues completed | <ul style="list-style-type: none">- Number of tasks: 12- Finalizing M4: 3 hours.- Coding the UI component for “MemberList” component: 5 hours.- Implementing the database integration for the “MemberList”: 5 hours.- Implementing the Group Chat Functionality: 5 hours. |

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| | <ul style="list-style-type: none"> - Implementing the ServerChannel's messaging GUI: 4 hours - Implementing the ServerChannel's messaging database: 4 hours - Implementing the delete message feature for Admin User: 5 hours. - Implementing "Removing Member from Server" Feature for Admin User: 8 hours. - Implementing "Removing Member from Group Chat" Feature for Admin User: 5 hours. - Patch non-functional text channels due to user ID issue: 3 hours. - Patch broken delete-user backend API endpoint: 2 hours. - Total: 54 hours |
| Issues left | <ul style="list-style-type: none"> - Implementing the ability to create a channel (shown on the left sidebar)—this was treated as a server creation feature, but after re-evaluating the minimum requirements, we have realized that we need to treat this as a channel rather than a server creation system - Implementing the ServerChannel's messaging GUI: 4 hours (this needs to be modified such that it is now treated as a channel creation feature within one universal server) - Implementing the ServerChannel's messaging database: 4 hours (this also needs to be modified so that our group chat creation feature is treated as a channel creation feature) - Implementing "Removing Member from Group Chat" Feature for Admin User: 5 hours (same reason as the above where we are now working within one universal server, so this needs to be updated to reflect that) |
| Team Capacity | 5 members * 10 hours = 50 hours |
| Summary | <ul style="list-style-type: none"> - Everyone finished their tasks accordingly. |

Details Current sprint

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| Start date | April 1 st , 2024 |
| End date | April 8 th , 2024 |

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| Sprint theme | Reviewing the core features that need to be implemented and restructuring our Kanban to reflect our ability to complete all required tasks by the M5 deadline. |
| Team capacity | 5 members = 60 hours |
| Issues capacity | <ol style="list-style-type: none"> 1. Update the requirement document + Status of software implementation draft version (M5): 5 hours 2. A step-by-step guide for handing over the project (M5): 3 hours 3. Reflection + Video Walkthrough prep (M5): 2 hours 4. Modifying the modal that enables users to create group chats to treat it as a channel creation modal: 1 hour 5. Reflecting newly created channels on the left side bar: 2 hours 6. Implementing the ability to create channels (and handling the backend that creates a new pub/sub channel for each new channel created via a modal along with assigning admin status upon channel creation): 15 hours 7. Updating the Servers collection in MongoDB to reflect the data captured from the submission of the form: 1 hour 8. Integrating an additional add-to-channel modal that allows server owners to invite users after the creation of a channel: 5 hours 9. Integrating a modal that enables channel owners to delete users from a channel: 3 hours 10. Creating a modal that enables channel owners to re-assign who is the admin of a channel (which impacts who can delete all channel messages and the ability to add/remove members): 7 hours 11. Modify the friend request feature so that the person receiving the friend request can make a decision on whether to accept or decline the friend request (this requires a lot of work on MongoDB): 7 hours 12. Implement a notification system (so that the user receiving the friend request gets notified when they have received one in real-time): 6 13. Total: 54 hours |
| Individual capacity | Hoc Nguyen (10 hours): <ul style="list-style-type: none"> - Update the requirement document + Status of software implementation draft version (M5) - A step-by-step guide for handing over the project (M5) - Reflection + Video Walkthrough prep (M5) |

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| | <p>Colin Lefter (18 hours):</p> <ul style="list-style-type: none"> - Modifying the modal that enables users to create group chats to treat it as a channel creation modal - Reflecting newly created channels on the left side bar - Implementing the ability to create channels (and handling the backend that creates a new pub/sub channel for each new channel created via a modal along with assigning admin status upon channel creation) - Updating the Servers collection in MongoDB to reflect the data captured from the submission of the form <p>Toby Nguyen (8 hours):</p> <ul style="list-style-type: none"> - Integrating an additional add-to-channel modal that allows server owners to invite users after the creation of a channel - Integrating a modal that enables channel owners to delete users from a channel <p>Bao Pham (7 hours):</p> <ul style="list-style-type: none"> - Creating a modal that enables channel owners to re-assign who is the admin of a channel (which impacts who can delete all channel messages and the ability to add/remove members) <p>Immanuel Wiessler (13 hours):</p> <ul style="list-style-type: none"> - Modify the friend request feature so that the person receiving the friend request can make a decision on whether to accept or decline the friend request (this requires a lot of work on MongoDB) - Implement a notification system (so that the user receiving the friend request gets notified when they have received on in real-time) - Total time: 56 hours |
| Potential risks | <ul style="list-style-type: none"> - Possible changes in work delegation - Not enough pull requests due to some members not fulfilling their assigned task |
| Mitigations | <ul style="list-style-type: none"> - Re-assigning tasks |

Sprint planning resources

- Lecture slides.
- Ably documentation.
- Documentation for React and TypeScript.
- Query Documents for MongoDB
(<https://www.mongodb.com/docs/manual/tutorial/query-documents/>)