

Freshman hub specifications:

### 1. Start with a One-Sentence Summary

*"Freshman Hub is a support and onboarding platform that helps new students connect with their peer coaches, academic advisors, buddies, and campus events."*

### 2. Core User Roles

Feature	Freshman	Continuous Student	Student Leader	Peer Coach	Peer Advisor	Buddy
View learning resources (year-specific)	✓	✓	✓	✓	✓	✓
Book session with peer advisor	✓	✓	✓	✓	✓	✓
Book session with academic advisor	✓	✓	✓	✓	✓	✓
Access head of coaches	✓	✓	✓	✓	✓	✓
Access ODIP, SLE, Support Center, Health Center	✓	✓	✓	✓	✓	✓

<b>View dining options &amp; meal plan</b>	✓	✓	✓	✓	✓	✓
<b>Join clubs &amp; communities</b>	✓	✓	✓	✓	✓	✓
<b>Connect with others (interest, major, class, country)</b>	✓	✓	✓	✓	✓	✓
<b>Create post, comment, like, share</b>	✓	✓	✓	✓	✓	✓
<b>View events</b>	✓	✓	✓	✓	✓	✓
<b>Join events</b>	✓	✓	✓	✓	✓	✓
<b>Receive notifications</b>	✓	✓	✓	✓	✓	✓
<b>Access emergency contacts</b>	✓	✓	✓	✓	✓	✓
<b>View/update profile</b>	✓	✓	✓	✓	✓	✓

<b>Chat/messaging</b>	✓	✓	✓	✓	✓	✓
<b>Campus map access</b>	✓	✗	✗	✗	✗	✗
<b>Create post / message</b>	✓	✓	✓	✓	✓	✓
<b>Create events</b>	✗	✗	✓ (if leading a club/community )	✓ (for assigned students)	✓ (for assigned students )	✗
<b>Manage club/community (if leader)</b>	✗	✗	✓	✗	✗	✗
– View members	✗	✗	✓	✗	✗	✗
– Schedule event	✗	✗	✓	✗	✗	✗
– Send announcement	✗	✗	✓	✓	✓	✗
<b>Peer Coach Tools</b>	✗	✗	✗	✓	✗	✗

– View assigned students	✗	✗	✗	✓	✗	✗
– Schedule session	✗	✗	✗	✓	✓	✓
– Send reminders	✗	✗	✗	✓	✓	✓
– Track progress	✗	✗	✗	✓	✓	✓
<b>Buddy Tools</b>	✗	✗	✗	✗	✗	✓
– View assigned freshmen	✗	✗	✗	✗	✗	✓
– Schedule meeting	✗	✗	✗	✗	✗	✓

Feature	Head of Coaches	Academic Advisor
<b>View all freshmen</b>	✓	✓

<b>View all continuous students</b>	<input checked="" type="checkbox"/> (only if contacted)	<input checked="" type="checkbox"/>
<b>View all peer coaches</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>View all peer advisors</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Assign freshmen to peer coaches</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Assign students to peer advisors</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Track peer coaches' progress</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Track peer advisors' progress</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Oversee peer coach bookings &amp; sessions</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>View all sessions (past &amp; upcoming)</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Set personal availability</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Send session reminders</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Receive messages from students</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Send global announcements</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Create post</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Comment, like, and view posts</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Create events (e.g., Wellness Wednesday)</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Join/view events</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Update own profile</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Access dining options &amp; meal plan</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Access health center &amp; support center</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Access ODIP / SLE info</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Receive notifications</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>View emergency contacts</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>View session analytics (e.g., counts, ratings)</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Add student notes / flags (private)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Download/export session or user data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View student feedback on peer coaches/advisors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Direct chat with peer coaches/advisors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Impersonate user (for admin/debug - restricted)	<input type="checkbox"/>	<input type="checkbox"/>

Feature	ODIP	SLE
View all students	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View continuous students	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View international students	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View buddies	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Assign freshmen to buddy</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Send application to become a buddy</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Track buddy interaction with freshman</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Send global announcements</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Send weekly updates to community</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Create post</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Comment, like, share posts</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>View posts</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Create events</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>View/join events</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Update profile</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Access dining options &amp; meal plan</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Access health center & support center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Receive notifications	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Send reminders	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Set availability (book sessions)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Interact with students (chat or messaging)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Check on international students' residence/legal status	<input checked="" type="checkbox"/>	<input type="checkbox"/>
View RAs (Resident Assistants)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schedule meetings with RAs	<input type="checkbox"/>	<input checked="" type="checkbox"/>
[View hostels] (future)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
[View hostel managers] (future)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
[Open room booking] (future)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
[Assign freshers to rooms] (future)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

 3. List the Key Screens per Role

## Finalized & Corrected Screen Inventory

### Authentication Screens

Screen	Route	File Path	Notes
Splash	/auth/splash	screens/auth/splash/splash.screen.tsx	✓
Onboarding	/auth/onboarding	screens/auth/onboarding/onboarding.screen.tsx	✓
Login	/auth/login	screens/auth/login/login.screen.tsx	✓
Register	/auth/register	screens/auth/register/register.screen.tsx	✓ Pre-registered emails
Forgot Password	/auth/forgot-password	screens/auth/forgot-password/forgot-password.screen.tsx	✓

### Home Screens

Screen	Route	File Path
Home	/ (or tab root)	screens/common/home/home.screen.tsx

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## Community Screens

Screen	Route	File Path
Feed	/community	screens/common/community/community.screen.tsx
Create Post	/post/create-post	screens/common/community/create-post.screen.tsx
Post Details	/post/post-detail	screens/common/community/post-detail.screen.tsx

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## Events Screens

Screen	Route	File Path
Events	/events	screens/common/events/events.screen.tsx
Create Event	/event/create-event	screens/common/events/create-event.screen.tsx
Event Details	/event/event-details	screens/common/events/event-details.screen.tsx

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## Resources & Academic Screens

Screen	Route	File Path
Resources Hub	/resources	screens/students/resources/resources.screen.tsx
Academic Resources	/academic-resources	screens/students/resources/academic-resources.screen.tsx

Cultural Guide	/culture/cultural-guide	screens/students/culture/cultural-guide.screen.tsx
IT Support	/it-support	screens/common/it-support/it-support.screen.tsx

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## Support & Health Screens

Screen	Route	File Path
Health Center	/health-center	screens/common/health-center/health-center.screen.tsx
Feedback	/feedback	screens/common/feedback/feedback.screen.tsx
FAQ	/faq	screens/common/faq/faq.screen.tsx

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## Campus Navigation

Screen	Route	File Path
Campus Map	/map	screens/freshmen/map/map.screen.tsx

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## Coaching & Advising Screens

Screen	Route	File Path	Notes
Coaching	/coaching	screens/common/coaching/coaching.screen.tsx	For Head of Coaches, Peer Coaches
Advising	/advising	screens/common/advising/advising.screen.tsx	For Advisors, Peer Advisors

Session Tracker	/sessions	screens/common/sessions/sessions.screen.tsx	<span style="color: #0070C0;">NEW</span> Track booked/completed sessions
Assign Users	/assign-users	screens/common/assign/assign.screen.tsx	<span style="color: #0070C0;">NEW</span> For coaches/advisors only

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## Mentorship Screens

Screen	Route	File Path
Buddy-Up	/buddy	screens/students/buddy/buddy.screen.tsx
Orientation	/orientation	screens/students/orientation/orientation.screen.tsx
Clubs	/clubs	screens/students/clubs/clubs.screen.tsx
Buddy Applications	/buddy-applications	screens/odip/buddy-applications.screen.tsx

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## Profile & Settings Screens

Screen	Route	File Path
Profile	/profile	screens/common/profile/profile.screen.tsx
Edit Profile	/edit-profile	screens/common/profile/edit-profile.screen.tsx
Settings	/settings	screens/common/profile/settings.screen.tsx

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## ⌚ Communication Screens

Screen	Route	File Path
Notifications	/notifications	screens/common/notifications/notifications-screen.tsx
Chat	/chat	screens/common/chat/chat.screen.tsx
Chat Conversation	/chat-conversation	screens/common/chat/chat-conversation.screen.tsx

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## ⚠ System Screens

Screen	Route	File Path
Error	/error	screens/common/error/error.screen.tsx
Admin Dashboard ( <i>Future</i> )	/admin	screens/admin/admin.screen.tsx



## Institutional & Leadership Roles

### 👩 Head of Coaches

Screen	Route	File Path	Description
Peer Coaches List	/coaches	screens/head-of-coach/coaches/coaches-list.screen.tsx	View all peer coaches
Freshmen List	/freshmen	screens/head-of-coach/freshmen/freshmen-list.screen.tsx	View all freshmen

Assign Freshman to Coach	/assign/freshman	screens/head-of-coach/assign/assign-freshman.screen.tsx	Assign student to coach
Track Peer Coach Progress	/coach-progress	screens/head-of-coach/progress/coach-progress.screen.tsx	View coach progress reports
Coach Session Bookings	/coach-sessions	screens/head-of-coach/sessions/session-management.screen.tsx	View sessions overview
Availability Setup	/availability	screens/common/availability/availability.screen.tsx	Set own availability
Announcements	/announcements/send	screens/common/announcements/send-announcement.screen.tsx	Send global or coach-only announcement
Wellness Events	/events/wellness	screens/head-of-coach/events/wellness-events.screen.tsx	Create & manage themed events
View Session History	/sessions/history	screens/common/sessions/sessions-history.screen.tsx	Track past sessions

## 🎓 Academic Advisor

Screen	Route	File Path	Description
Student Directory	/students	screens/advisor/students/student-s-list.screen.tsx	View all students (freshman & continuous)

Assign Peer Advisor	/assign/peer-advisor	screens/advisor/assign/assign-peer-advisor.screen.tsx	Assign students to peer advisors
Peer Advisors List	/peer-advisors	screens/advisor/peer-advisors/peer-advisors-list.screen.tsx	View & manage peer advisors
Track Peer Advisor Progress	/advisor-progress	screens/advisor/progress/advisor-progress.screen.tsx	Track advising activity
Send Tips	/tips	screens/advisor/tips/send-tips.screen.tsx	Send academic tips or nudges
Availability Setup	/availability	screens/common/availability/availability.screen.tsx	Set availability for 1-on-1
Announcements	/announcements/send	screens/common/announcements/send-announcement.screen.tsx	Global announcements
Advisor Session History	/sessions/history	screens/common/sessions/sessions-history.screen.tsx	View all booked/completed sessions

## 对学生领导者的功能 (e.g., Club Heads, Association Reps)

Screen	Route	File Path	Description
My Club/Community	/club/manage	screens/student-leader/club/manage-club.screen.tsx	View and manage assigned club
Members List	/club/members	screens/student-leader/club/members-list.screen.tsx	View club/community members

Schedule Club Event	/club/event/new	screens/student-leader/club/schedule-event.screen.tsx	Schedule community events
Announcements	/club/announcement	screens/student-leader/club/announcement.screen.tsx	Send updates to club members

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## Peer Coach / Peer Advisor

(They share many screens, but access is filtered by role)

Screen	Route	File Path	Description
Assigned Students	/assigned	screens/peer-role/assigned/assigned-students.screen.tsx	View assigned students
Session Scheduler	/sessions/schedule	screens/peer-role/schedule/schedule-session.screen.tsx	Schedule coaching/advising sessions
Session Reminders	/sessions/reminder	screens/peer-role/reminder/send-reminder.screen.tsx	Send session reminders
Progress Tracking	/progress	screens/peer-role/progress/progress.screen.tsx	Track student progress
Availability Setup	/availability	screens/common/availability/availability.screen.tsx	Set own availability
Announcements	/announcement/send	screens/common/announcements/send-announcement.screen.tsx	Role-based announcement

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## Buddy

Screen	Route	File Path	Description
Assigned Freshmen	/buddy/assigned	screens/buddy/assigned/assigned-freshmen.screen.tsx	View assigned students
Schedule Meeting	/buddy/schedule	screens/buddy/schedule/schedule-meeting.screen.tsx	Setup meeting with mentee
Track Interaction	/buddy/track	screens/buddy/track/track-progress.screen.tsx	Monitor buddy sessions
Availability Setup	/availability	screens/common/availability/availability.screen.tsx	Buddy availability

## ODIP

Screen	Route	File Path	Description
Buddy Applications	/buddy/applications	screens/odip/buddy-applications.screen.tsx	Review incoming buddy applications
Assign Buddy	/buddy/assign	screens/odip/assign/assign-buddy.screen.tsx	Assign freshmen to buddies
Track Buddy Activity	/buddy/track	screens/odip/track/buddy-activity.screen.tsx	View buddy-fresher engagement
Residence Check	/residence/check	screens/odip/residence/residence-check.screen.tsx	Monitor permits/legal updates

Send Global Announcement	/announcements/send	screens/common/announcements/send-announcement.screen.tsx	All-campus announcements
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## SLE

Screen	Route	File Path	Description
RAs List	/ras	screens/sle/ras/ras-list.screen.tsx	View resident assistants
Schedule RA Meetings	/ras/meetings	screens/sle/ras/schedule-meeting.screen.tsx	Plan RA coordination
Announcements	/sle/announcements	screens/sle/announcements/announcements.screen.tsx	Send global reminders
[Hostel Management]	/hostels	screens/sle/hostels/hostels.screen.tsx	(Future feature)
[Assign Freshers to Rooms]	/rooms/assign	screens/sle/rooms/assign-rooms.screen.tsx	(Future feature)

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## Shared & Common Screens

Screen	Route	File Path	Roles
Notifications	/notifications	screens/common/notifications/notifications-screen.tsx	All
Profile	/profile	screens/common/profile/profile.screen.tsx	All

Edit Profile	<code>/edit-profile</code>	<code>screens/common/profile/edit-profile.screen.tsx</code>	All
Session History	<code>/sessions/history</code>	<code>screens/common/sessions/sessions-history.screen.tsx</code>	All with session access
Availability	<code>/availability</code>	<code>screens/common/availability/availability.screen.tsx</code>	All roles

## Notes

- **Modularity:** Screens use reusable components from `components/common/`, `home/`, etc.
- **Responsive Design:** `wp/hp` for all screen sizes.
- **Performance:** Cache data (`expo-file-system`), `FlatList/FlashList` for lists, lazy-load images (`expo-image`).
- **Accessibility:** All elements have `accessibilityLabel`, `accessibilityRole`.
- **Engagement:** `reanimated` animations, vibrant colors (role-specific: blue for Coaches, red for Leaders).
- **Localization:** English/French via `i18n-js`.
- **Analytics:** Track usage with `expo-analytics`.

**Document All This in One Place**

Use:

- **Notion** (ideal for full product docs)
- **Google Docs** (simple and shareable)
- **GitHub Wiki** (for internal technical specs)

Have separate pages or sections for:

- Roles
  - Screens
  - Features
  - Data models
  - User flow diagrams
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 **Sample Folder for Documentation**

```
📁 ProductDocs/
    ├── 01_Project_Summary.md
    ├── 02_User_Roles.md
    ├── 03_Screens/
        |   ├── student.md
        |   ├── coach.md
        |   └── admin.md
    ├── 04_Features/
        |   ├── events.md
        |   ├── coaching.md
        |   └── messaging.md
    ├── 05_Data_Model.md
    ├── 06_Wireframes/
        |   └── home_student.png
    └── 07_UserFlows.md
```

