

# IAJES Site Proposal

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## Features

	Feature	Description	Difficulty	Impact	Status
1	Admin Access: 4 Access Levels	<p><b>1. Superadmin</b> a person (or persons) that is in charge of and oversees the website as a whole. Manages any large-scale problems (security). Can send out newsletters.</p> <p><b>2. Website Manager (newly added)</b> a technical person to modify critical things on the website. Has to be able to change code. Would be able to change the non-task force pages if needed.</p> <p><b>3. Task Force Admin</b> Should be able to edit their own pages. These task forces often have people who are not as technical, so it must be as easy as possible (even easier than google sites).</p> <p><b>4. Members (#2 Login System)</b> people who create an account and can connect with other people</p> <p><b>(5. general public)</b> Anyone not logged in on the website</p>	Hard ▾	High ▾	-- ▾
2	Login System	<p>A “signup” and “login” button allows IAJES members to become a member. Signup is restricted to all emails with a specific domain. (all Jesuit schools have a specific domain at the end of their email.)</p> <p>Asks for:</p> <ul style="list-style-type: none"> <li>● email</li> <li>● password</li> <li>● (phone number?)</li> <li>● profile picture</li> <li>● Demographics: <ul style="list-style-type: none"> <li>○ full name</li> <li>○ school (if student? see Carlos' flowchart)</li> <li>○ major (if student? see Carlos' flowchart)</li> </ul> </li> </ul>	Hard ▾	-- ▾	-- ▾

Feature	Description	Difficulty	Impact	Status
	<ul style="list-style-type: none"> <li>○ industry</li> <li>○ job / position</li> <li>○ affiliated task force (if any)</li> <li>○ country</li> <li>○ research interest</li> <li>○ links to publications</li> </ul> <p>Stores all received information into a database</p>			
3	<p>Profiles</p> <p>Logged in members have a profile page featuring:</p> <ul style="list-style-type: none"> <li>● profile photo</li> <li>● full name</li> <li>● industry</li> <li>● job / position</li> <li>● affiliated task force (if any)</li> <li>● contact information           <ul style="list-style-type: none"> <li>○ email with "mailto:" link</li> <li>○ (page of affiliated task force?)</li> <li>○ (phone number?)</li> <li>○ Location</li> </ul> </li> <li>● Allow members to decide whether they want their contact information to be public or not?</li> </ul> <p>Public can only see these parts of profile pages:</p> <ul style="list-style-type: none"> <li>● name</li> <li>● industry</li> <li>● job/position</li> <li>● affiliated organization (if any)</li> </ul> <p>otherwise, is blurred out &amp; asked to login</p> <p>Profile settings page contains:</p> <ul style="list-style-type: none"> <li>● Edit profile information</li> <li>● Unsubscribe to newsletter button</li> <li>● Delete account button</li> </ul>	Hard	--	--
4	<p>Contact Form</p> <p>(Alternative to profile "mailto:" link)</p> <p>Have a contact form where people can contact other members of IAJES. The contact form should be on the profile, system sends it without the user seeing the email</p> <p>Users input:</p> <ul style="list-style-type: none"> <li>● subject line</li> <li>● their message</li> </ul> <p>Problem: how does the recipient respond to the email?</p> <ul style="list-style-type: none"> <li>● if it is a member sending the email, the email includes the sender's email address           <ul style="list-style-type: none"> <li>○ maybe not necessary, member only sees the mailto: link</li> </ul> </li> <li>● If a non-member sends the email, the contact form requires a return email address for the recipient to see</li> </ul>	Easy	Medium	--

	<b>Feature</b>	<b>Description</b>	<b>Difficulty</b>	<b>Impact</b>	<b>Status</b>
5	Profile search	<p>All users can search profiles in a search bar.</p> <p>Sorting options:</p> <ul style="list-style-type: none"> <li>• name, task force, industry, job/position, country, major, research interest</li> </ul>	Medi...	--	--
6	Task Force and Meeting pages editable by Task Force Admins	See Pages #9 and #10 for details	--	--	--
7	Newsletter subscription, unsubscription	<p>A form to subscribe to IAJES newsletter. User inputs their email, then submits. Takes to confirmation page. Their email is added into a database.</p> <p>Allow user to unsubscribe through Profile Settings.</p>	Easy	--	--
8	Automatic newsletter generation tool	<p>A feature on a Superadmin, Website Manager, and/or Task Force Admin-accessible webpage that takes in articles of IAJES news. Accessible through the Newsletter page.</p> <p>Each article includes:</p> <ul style="list-style-type: none"> <li>• written content</li> <li>• associated image(s)</li> </ul> <p>Stores this content in a database. At the end of each week (or other interval) (or when an admin sends it out), formats all received news in a pre-made html email template.</p> <p>Sent to all users who subscribed through the website or other means using a middleman sender (ex: Mailchimp?)</p>	Hard	--	--
9	Translation	<p>A button that can switch between English, Spanish, and other languages used by IAJES members.</p> <p>Can use the google translate tool:  <a href="https://www.w3schools.com/howto/google_translate.asp">https://www.w3schools.com/howto/google_translate.asp</a></p> <p>Can also manually translate and add a button to switch between languages.</p> <ul style="list-style-type: none"> <li>• Problem: when task forces update their page, it will not automatically have a translation</li> <li>• Need to program the website with this in mind from the beginning if we decide to do this <ul style="list-style-type: none"> <li>◦ Ex: have text files storing all the written content, no strings are hardcoded</li> </ul> </li> </ul> <p>Possible languages:</p> <ul style="list-style-type: none"> <li>• Latin America: Portuguese</li> </ul>	Medi...	--	--

	Feature	Description	Difficulty	Impact	Status
		(Possibly only have in the main unchanging parts of the website: roadmap, landing, who we are, etc.)			
10			--	--	--

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## Pages

	Page	Description	Difficulty	Impact	Status
1	Who We Are (Landing Page)	<p>Content:</p> <ul style="list-style-type: none"> <li>Announcements</li> <li>Featured pages</li> <li>Description <ul style="list-style-type: none"> <li>Jesuit Engineering Schools</li> <li>Vision</li> <li>Mission</li> <li>Organizational Structure</li> <li>History (genesis)</li> <li>Contact? (could be a general contact form from the public to IAJES admin)</li> <li>Subscribe to newsletter form</li> </ul> </li> </ul>	--	--	--
2	What We Do	<p>Content:</p> <ul style="list-style-type: none"> <li>Jesuit Engineering Schools</li> <li>Mission, Vision and Ambition</li> <li>Roadmap</li> <li>History / Origin of IAJES (Genesis)</li> <li>Contact? (could be a general contact form from the public to IAJES admin)</li> </ul> <p>Subpages:</p> <ul style="list-style-type: none"> <li>Webinars</li> <li>Projects</li> <li>Participatory activities <ul style="list-style-type: none"> <li>Conferences</li> <li>Contests</li> <li>Research</li> </ul> </li> </ul> <p>(if needed, write individual page descriptions for each of these)</p>	--	--	--
3	Organizational Structure (What We Do #2)	<p>Content:</p> <ul style="list-style-type: none"> <li>organizational structure <ul style="list-style-type: none"> <li>(likely referencing the organizational structure of IAJES. Here's the current structure page: <a href="https://www.iajes.org/about-iajes/organizational-structure">https://www.iajes.org/about-iajes/organizational-structure</a>)</li> </ul> </li> </ul>	--	--	--

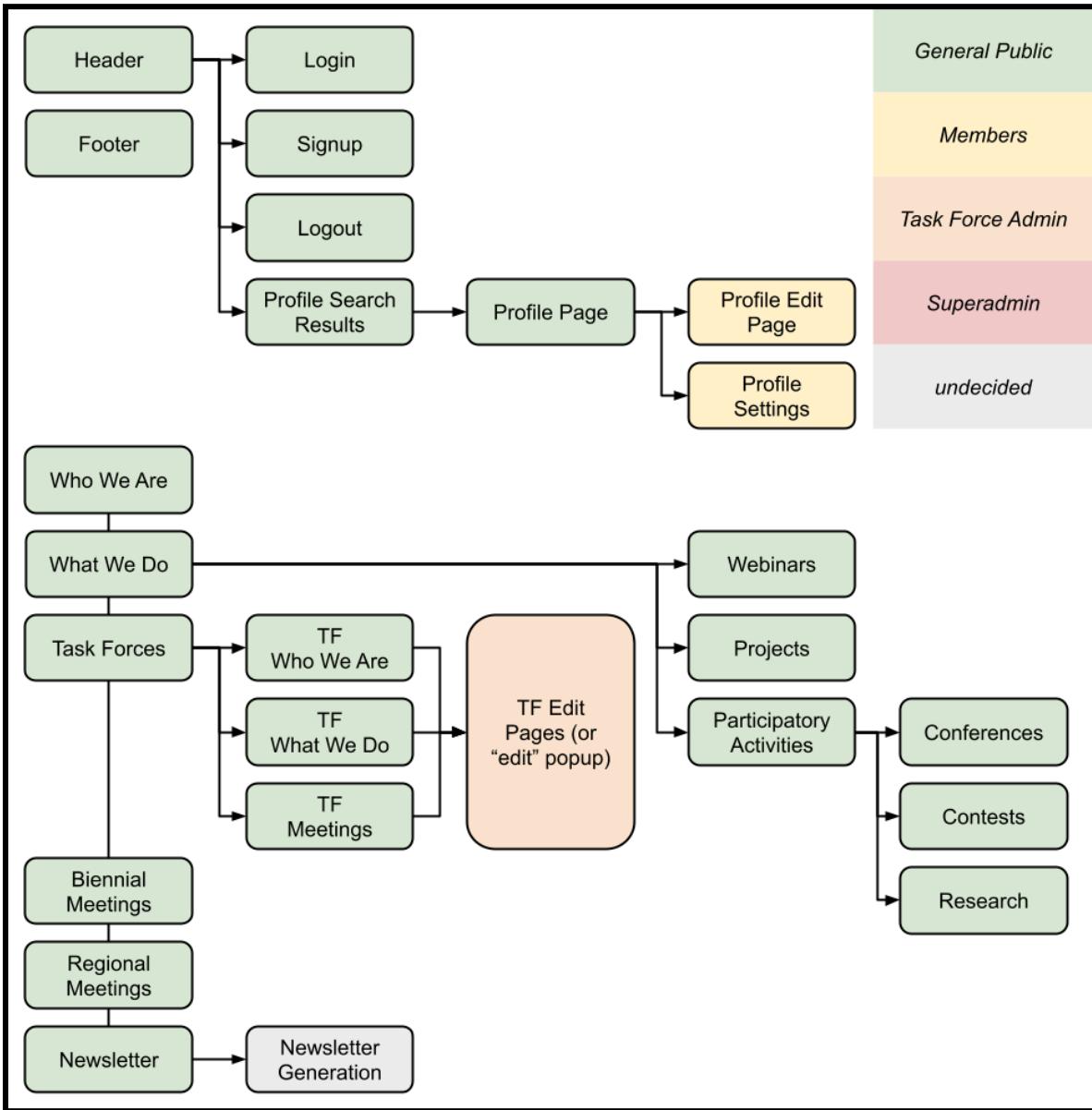
	<b>Page</b>	<b>Description</b>	<b>Difficulty</b>	<b>Impact</b>	<b>Status</b>
		<ul style="list-style-type: none"> <li>• roles</li> <li>• our logo</li> </ul>			
4	Task Forces	List of task forces, can click into to view their 3 pages (start on their "What We Do" page?)	--	--	--
5	Meetings	<p>Biennial and Regional Meetings</p> <ul style="list-style-type: none"> <li>• Location, date, speakers, agenda pdf, speaker profiles (quotes, paper, slides, video)</li> <li>• Existing Biennial meetings: <ul style="list-style-type: none"> <li>◦ 2024 - Bhubaneshwar Summit</li> <li>◦ 2022 - Boston Summit</li> <li>◦ 2019 - Cali Conference</li> <li>◦ 2018 - Bilbao Conference</li> </ul> </li> <li>• Existing Regional meetings: <ul style="list-style-type: none"> <li>◦ (July 5-7, 2023) First IAJES meeting for the AUSJAL region</li> <li>◦ (Nov. 10-11, 2023) First IAJES meeting for the Asia Pacific region</li> <li>◦ (Feb. 22-23, 2024) First IAJES meeting for Kircher region</li> <li>◦ (June 2-3, 2025) Second IAJES meeting for the North America region</li> <li>◦ (July 17-18, 2025) Second IAJES meeting for Kircher region</li> </ul> </li> </ul>	--	--	--
6	Newsletter	<p>Shows the latest newsletter, can also view previous newsletters.</p> <p>Generated by the same system used to email out all newsletters</p> <p>Provides option (form) to subscribe to the newsletter</p>	--	--	--
7	Login/Sign up/Logout	Pages handling the "Login System" feature.	--	--	--
8	Profile Search/ Database?	After using the "Profile Search" search bar functionality, takes the user to a separate page listing relevant profiles, which can be clicked into.	--	--	--
9	Profiles	Each website member has a profile page. See "Profiles" feature #3 for what this page should show.	--	--	--
10	TF Who We Are Editing Page for Task Force Admins	<p>A page on which Task Force Admins can edit their task force's description, projects, and activities.</p> <p>Takes the form of a list of member cards on the website.</p> <p>Categories / teams can also be made to group members into. Will take the form of a heading over the list of members in that team.</p>	--	--	--

Page	Description	Difficulty	Impact	Status
	<p>Each member card contains:</p> <ul style="list-style-type: none"> <li>● Name</li> <li>● Associated University / Organization</li> <li>● Position on the team</li> <li>● Email</li> <li>● Associated category/team (if applicable)</li> </ul> <p>Allows Task Force to edit these fields easily</p>			
11	<p>TF What We Do Editing Page for Task Force Admins</p> <p>Description, projects, and activities</p> <p>Each task force description/project/activity is like its own post. (see: sections on a LinkedIn profile)</p> <p>Each section contains:</p> <ul style="list-style-type: none"> <li>● Name</li> <li>● Description</li> <li>● Associated important people (shows their member card?)</li> <li>● Date (if applicable)</li> <li>● Location (if applicable)</li> <li>● A link to the project (if applicable)</li> <li>● Media content gallery (pdfs, docs, images)</li> <li>● Other notes?</li> </ul>			
12	<p>Meetings Editing Page for Task Force Admins</p> <p>A page on which Task Force Admin can create and edit IAJES meetings. Each meeting is like its own post.</p> <p>Changes Page #5</p> <p>Each meeting contains</p> <ul style="list-style-type: none"> <li>● Name</li> <li>● Description</li> <li>● Associated important people</li> <li>● Date <ul style="list-style-type: none"> <li>○ Recurring?</li> </ul> </li> <li>● Location</li> <li>● Other notes</li> </ul> <p>Meeting is automatically removed one day after the meeting date unless it is a recurring meeting?</p>			
13	Newsletter Generation	See "Automatic Newsletter Generation Tool" feature #8.		
14	<p>Header (page element)</p> <p>Features:</p> <ul style="list-style-type: none"> <li>● IAJES Logo (links back to homepage)</li> <li>● Hamburger Menu <ul style="list-style-type: none"> <li>○ What We Do</li> <li>○ Meetings</li> <li>○ Task Forces</li> <li>○ Newsletter</li> </ul> </li> <li>● search bar (general search?)</li> </ul>			

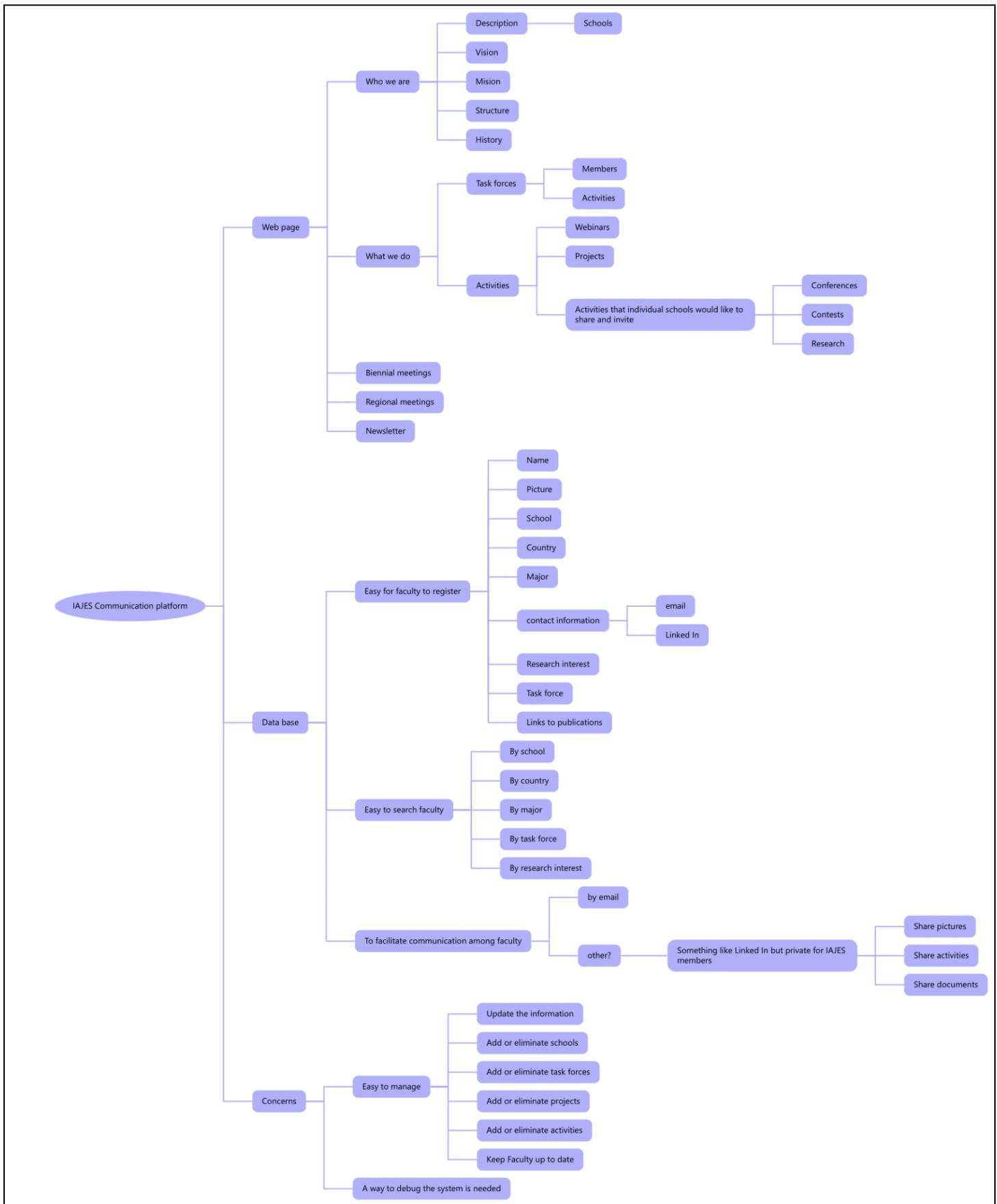
	<b>Page</b>	<b>Description</b>	<b>Difficulty</b>	<b>Impact</b>	<b>Status</b>
		<ul style="list-style-type: none"> <li>• Search Bar (Profile Search)</li> <li>• Login/Logout/Signup</li> </ul>			
15	Footer (page element)	<p>Features:</p> <ul style="list-style-type: none"> <li>• IAJES acronym definition</li> <li>• IAJU affiliation disclaimer</li> <li>• Associated organization logos</li> <li>• Copyright information?</li> </ul> <p>(possibly condensed in non-landing pages)</p>	--	--	--
16			--	--	--
17			--	--	--

## Page Flowchart:

[IAJES Site Proposal Flowchart](#)



# Carlos' Flowchart



# Prototype Link

## Notes

### (8.18.25 Meeting w/ Allan, Raul, Carlos, Silvia, Isabelle, Anisha, Nicolas)

- Possible addition of the integration of the map of associated IAJES schools (is on the IAJES website, currently not working)
- More concise wording would be helpful
- Profile of whoever would be the Superadmin
- Next Steps:
  - Carlos and Raul are going to play with the Figma Prototype and give the team feedback and input when they are able (8/28/25 1pm Meeting to discuss)

### (8.1.25 Meeting w/ Allan, Raul, Carlos, Silvia, Isabelle, Anisha, Nicolas)

- RG: Maybe a fifth role? Someone who can update the other sections of the site (and IAJES newsletter), other than the task forces.
  - *Added in the form of "Website Manager"*
- Next Steps:
  - Wireframe: Simple Figma of current pages
    - focus on the features, not on design right now.
  - Note: IAJES Branding is limited to the logo & what the current website looks like
    - Possibility: Propose IAJES Branding during the summer

### (7.30.25 Meeting w/ Silvia, Isabelle, Anisha, Nicolas)

- We are agreed on Justin Fan
  - Anisha will contact him and try to bring him up to speed on what we are doing
    - (*Anisha, let us know if you need us to help introduce him to the project!*)
- Silvia has a CS person that can always jump in and help that is willing to help
  - She will be a part of the group but is not replacing Justin
- Who We Are (Landing Page), What We Do (and its sub-pages), and Biennial and Regional Meetings are only editable by code. (*Superadmins?*) (Website Managers)
  - Only Task Force pages are editable through the input boxes system. (Task Force Admins)

Make sure to ask Carlos & Raul:

- Who should be able to add things to the newsletter? Task Force Admins, Website Managers, Superadmins?
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- Should each profile page just have an email link (that Members can allow or disallow the general public to see), or should there be a contact form (also can be enabled or disabled) that allows the General Public to email them without seeing their email (until the Member replies).
- Do we want translation? If so, for what languages? Should we rely on an automatic tool like google translate, or translate manually?