



STATISTICS

Compilers Hub

**A Digital Platform for the
International Community of
Macroeconomic
Statisticians**

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Goal for this project:

- 1. Establish and manage an International Community of Practice for Macroeconomic Statisticians.**
- 2. Design and develop a digital solution for the International Community of Macroeconomic Statisticians that would allow them to**
 - Centralize and share knowledge,
 - Engage in global collaboration, and
 - Convene topical conversations

Who are the members of the community?



The Collaborator

GOAL

Uses this space to impart knowledge or connect with others in their statistical domain or regional group.

ATTITUDES

- Eager to engage with others in field
- Busy, easily annoyed by inorganization of resources

NEEDS

- A way to understand the value they add
- One-stop shop for resources & connection
- Quick tools for engagement

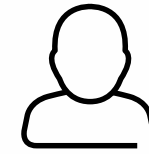


The Learner

Comes to this site to learn, attend trainings or discover resources needed for their job.

- Worried about getting the correct guidance for an inquiry
- Looking to prove their value to their employer

- Clear and detailed information
- An open way to converse and exchange with more advanced peers



The Expert

Joins this portal to impart expertise to those who are seeking professional assistance.

- Concerned about not having a way to share their experience
- Independent, but likes to contribute

- International consensus on guidance
- Easy-to-use platform
- Relevant information for their projects

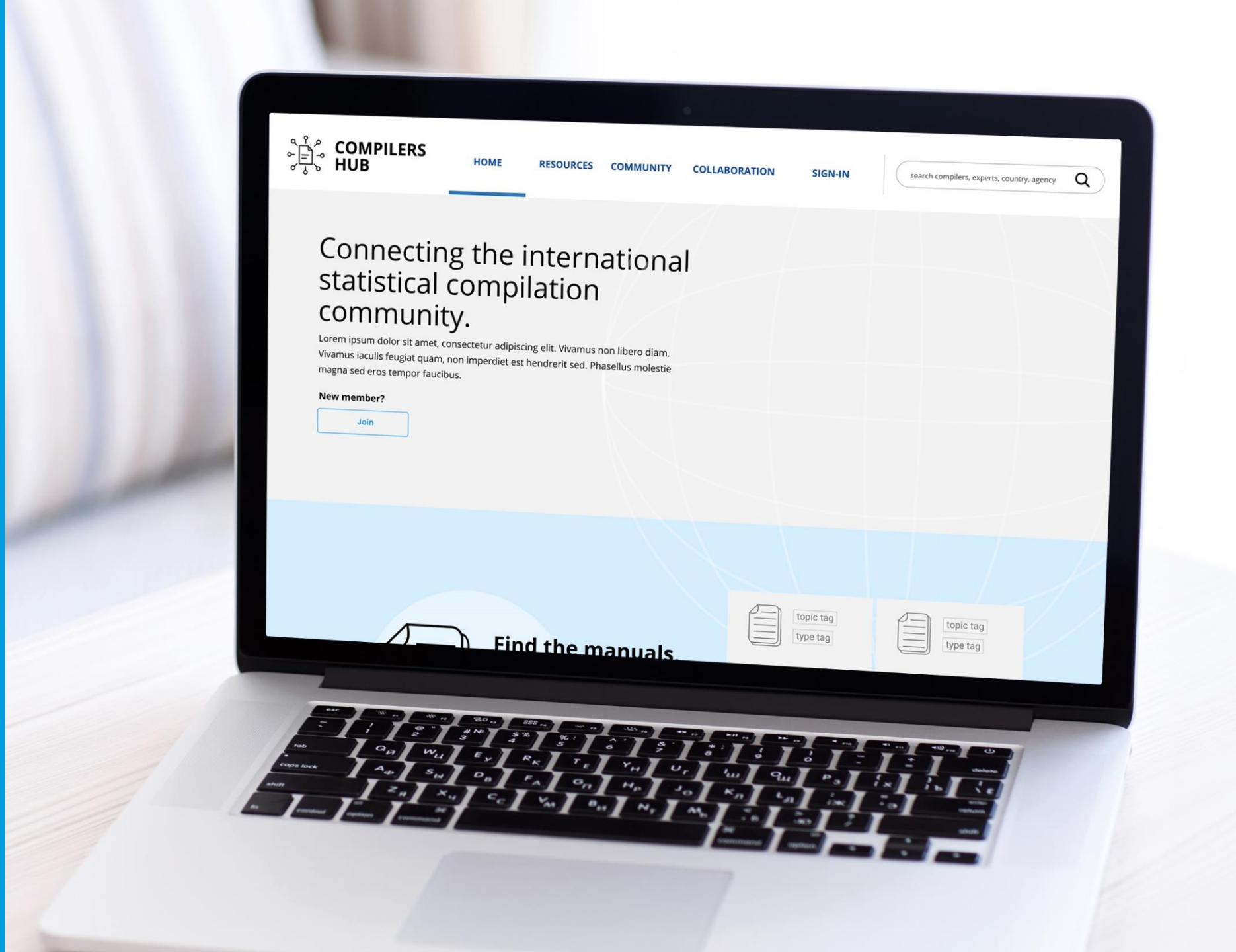


The Structure

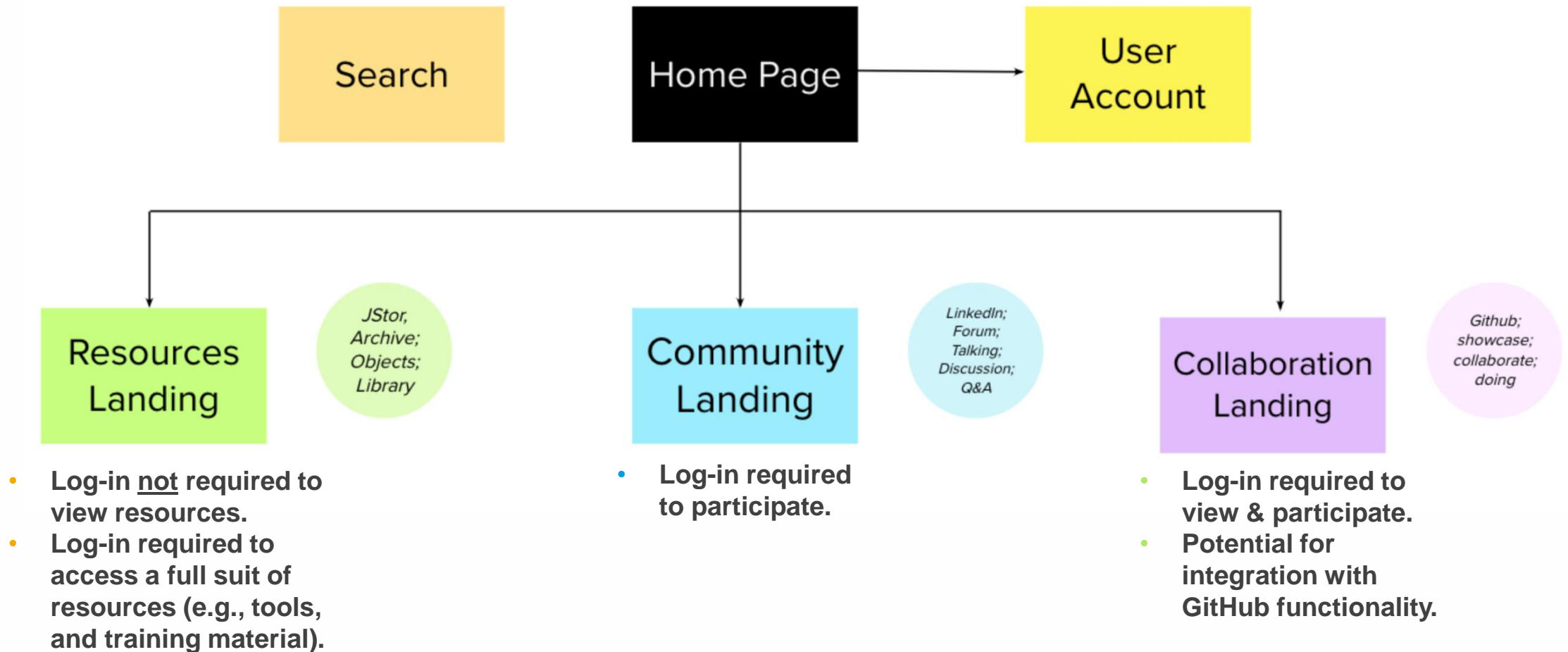
User research revealed that the target audiences' needs can be classified in 3 distinct buckets:

Resources
Community
Collaboration

The information architecture was structured around these needs, and it reflects the users' mental model.



Site Structure Overview





RESOURCES

This section of the hub will be where users find:

Manuals (Documents),

Training material,

Conferences (Events),

Tools

All of the resources will be tagged with the domains and topics they relate to, making it easy for users to filter and access the information they need quickly.

The screenshot shows the IMF Resources Home page. The header includes the IMF logo, navigation links (Compilers Hub, Resources Home), and a search bar. The main content area features a large banner for the 'CONSUMER PRICE INDEX MANUAL' with the subtitle 'Concepts and Methods | 2020'. Below this, there's a section for 'RESOURCES' with a description of the platform's purpose. A callout points to a 'Rotator that enables selected resources to be featured.' Below the main content, there's a section for 'Explore "StatSChat" (AI Chatbot)' with a callout stating 'Search bot with ChatGPT enabled technology to expedite searches'. At the bottom, there are four categorized resource boxes: Documents (Manuals, handbooks, and related publications), Training materials (Presentations, videos, and training material), Events (Find information on upcoming and past meetings and conferences), and Data & Tools (Tools for macroeconomic statistics compilation and synthetic data). A callout states 'Resources are classified in 4 main areas: Manuals, Conferences, Trainings and Compilation Tools.'

RESOURCES

Access essential resources like international statistical manuals, training videos, and compilation tools, related to macroeconomic statistics.

The platform is designed to give country compilers essential resources in one convenient location. The platform offers access to international statistical manuals, training materials, and tools for data compilation, while also promoting capacity development and peer learning. Furthermore, international and regional agencies, along with national statistical offices, can contribute by uploading resources and sharing links to published research, working papers, conference papers, and other relevant documents related to macroeconomic statistics measurement.

CONSUMER PRICE INDEX MANUAL
Concepts and Methods | 2020

Rotator that enables selected resources to be featured.

Developed by the Statistics Department of the International Monetary Fund (IMF), its designed to assist statisticians, economists, and data users in navigating international statistical manuals with a focus on accuracy, the app delivers precise responses to complex statistical inquiries, ensuring no hallucinations. Each answer is backed by direct references and links to official documentation, allowing users to verify and explore further.

Explore "StatSChat" (AI Chatbot)

Search bot with ChatGPT enabled technology to expedite searches

Resources are classified in 4 main areas: Manuals, Conferences, Trainings and Compilation Tools.

- Documents** ⓘ
Manuals, handbooks, and related publications.
- Training materials** ⓘ
Presentations, videos, and training material.
- Events** ⓘ
Find information on upcoming and past meetings and conferences.
- Data & Tools** ⓘ
Tools for macroeconomic statistics compilation and synthetic data.

'StatSChat'

=> All manuals come

=> Difficult to read

The Bot will:

- Make interaction
- Leverage new AI
- Make the solution
- Be integrated with

The screenshot displays the StatSChat interface. At the top, there are five book covers representing statistical manuals: 'System of National Accounts 2008', 'Balance of Payments and International Investment Position Manual', 'FINANCIAL SOUNDNESS INDICATORS COMPILATION GUIDE', 'GOVERNMENT FINANCE STATISTICS MANUAL 2014', and 'GOVERNMENT FINANCE STATISTICS MANUAL 2014'. Below these is the 'StatSChat' logo and the tagline 'Talk to the Statistical Standards'. A row of four question prompts is shown: 'What does #SNA define for GDP?', 'Explain financial accounts in #BPM', 'How does #FSI measure credit risk?', and 'Define government deficit in #GFS'. A dropdown menu is open, showing a list of manuals with checkboxes: 'Balance of Payments and International Investment Positions Manual (BPM 7)', 'Government Financial Statistics Manual (2001)', 'Monetary and Financial Statistics Manual and Compilation Guide (2008)', 'Handbook on Securities Statistics', 'System of National Accounts (2025)', 'System of Environmental and Economic Account - Central Framework (2012)', and 'Financial Soundness Indicators Compilation Guide'. The menu has 'Select All' at the top and 'Unselect All' at the bottom. Below the menu is a text input field labeled 'Select a standard(s)'. At the bottom, there is a chat input area with a placeholder 'Type a new question...' and a send button (arrow icon).



COMMUNITY

Here, users will have the opportunity to interact with other compilers and expand their network.

They can join existing topics or create new ones; participate in discussions and post the questions they might have.

IMF
Compilers Hub > Community Home

Resources **Community Forum** Project Collaboration My Profile Admin Edit Private group

Ability to subscribe to a thread or start a new question/discussion

Welcome to a collaborative space for compilers and macroeconomic statistics projects.

The Community Forum is structured to facilitate meaningful discussions with conversations organized by main topics. Each topic features dedicated channels that indicate the focus of the discussion, allowing participants to navigate easily and fostering an environment for focused dialogue and knowledge exchange and facilitates the exchange of contact information across different areas and interests.

Based on the domains and topics of the user, the groups that might interest them will be displayed here.

Most recent questions will be highlighted to help experts more easily find the less experienced users who need help.

The users who participate in conversations and answer questions the most will gain additional visibility to encourage this behavior.

Discussions - National Accounts 2008

+ Add new Question Subscribe (Un)Subscribe Users

Search Channels

Topics of Discussion - National Accounts	Answered Questions	Questions/Discussions	Last Discussion
Discussions - National Accounts 2008	Answered: 0	Questions: 0	
Discussions - National Accounts 2008	Unanswered: 0	Discussions: 0	
Discussion - National Accounts 2009	Answered: 0	Questions: 0	
Discussion - National Accounts 2009	Unanswered: 0	Discussions: 0	
Monetary and financial statistics			Last Discussion
Measuring currency in circulation (CIC) outside an economy			
Measuring currency in circulation (CIC) outside an economy			

External User Can post a question
Sharath Rao Fantastic
5/21/2025, 2:20:21 AM



COLLABORATION

One of the most sophisticated features of the hub is to give the users the ability to collaborate on projects.

Like GitHub, this space brings together all the resources related to a project — allowing users to **co-develop** a compilation tool, host the files, do version controlling and distribution — and facilitates collaboration while the project is ongoing.

Once it's complete, the activities and outcomes are archived and showcased to inspire new projects.

The screenshot shows the 'Compilers Hub > Collaboration Home' interface. The top navigation bar includes 'Resources', 'Community Forum', 'Project Collaboration' (active), 'My Profile', 'Admin', and 'Edit'. A sidebar on the left contains icons for home, global, resources, projects, and a plus sign. The main content area features a 'PROJECTS' section with a welcome message and a 'Have an idea for a project?' button with a 'Start One' link. To the right, there's a section for 'Open Calls for collaborators' with a photo of a group of people and the text 'AI'. Below these, there are three callout boxes: 'New projects that are looking for contributors with relevant skills are featured here.' (pointing to the 'PROJECTS' section), 'Users can also start a new project to collaborate with other compilers.' (pointing to the 'Have an idea for a project?' button), and 'Institutions can call for participation on their surveys.' (pointing to a 'Consultation' section). At the bottom, there are three more callout boxes: 'Users can collaborate on co-development such as R programming, compilation tools, empirical testing...' (pointing to a green box), 'Users can collaborate on co-authoring new documents, papers, handbooks, guidance notes...' (pointing to a teal box), and 'Users can collaborate on collating feedback on a completed project and seek consultation on an ongoing project.' (pointing to an orange box). The orange box also contains a 'Consultation' icon and text: 'Elicit insights, views, contributions, and endorsements on statistical developments.'

Compilers Hub > Collaboration Home

Resources Community Forum **Project Collaboration** My Profile Admin Edit

Private group | IMF and I

PROJECTS

Welcome to a dynamic collaborative environment. This site equips members with a relevant skill set. In this section, a diverse range of projects are presented, enhancing the collaborative environment.

Have an idea for a project?

Start One

Open Calls for collaborators

Projects seeking collaborators with your skills...

AI

Users can also start a new project to collaborate with other compilers.

Institutions can call for participation on their surveys.

Users can collaborate on co-development such as R programming, compilation tools, empirical testing...

Users can collaborate on co-authoring new documents, papers, handbooks, guidance notes...

Users can collaborate on collating feedback on a completed project and seek consultation on an ongoing project.

Consultation

Elicit insights, views, contributions, and endorsements on statistical developments.

“

USER PROFILE

Profile pages are where users can get detailed information on other users' backgrounds, expertise and their contributions to the projects that are being built on the hub.

It's also an area where users can come back to for quick access to the documents they have saved.

The mockup shows a user profile for Robert Plant, an Alternate Chief at the Ministry of Crunching Numbers. The profile includes a circular profile picture of a cat, a 'My Account' link, and a list of domains (Topics, Interests, Skillset, All). Callout boxes provide the following information:

- In addition to the institution the user works for, they will also indicate the statistical domains they work in.** (Points to the 'My Account' link)
- Users can message each other directly on the platform. They can also provide a link to their LinkedIn profiles.** (Points to the 'User social media info' section showing 'cat@mocn.org')
- When their work is cited in other articles, they will appear here.** (Points to the 'My Community Discussions' section)
- Their most recent posts will be listed on their profile page, making it easy to keep track of their contributions.** (Points to the 'My Active Resources' section)
- Users' profiles will automatically be populated with the content they have authored** (Points to the 'My Active Projects' section, which currently shows 'There are no projects available.')
- No followers.** (Points to the 'Followers' section, which currently shows 'No followers.')

compilershub.imf.org