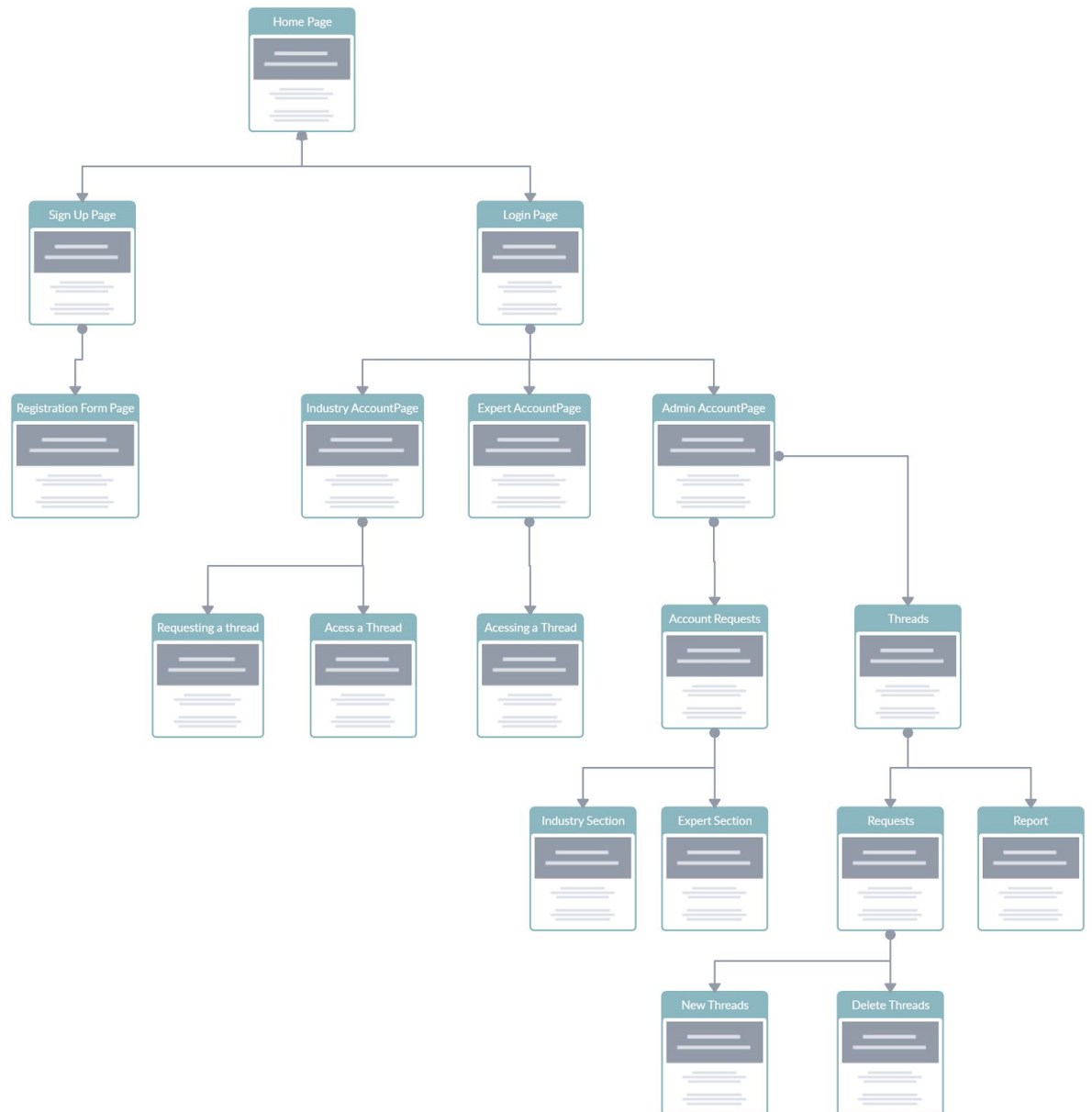


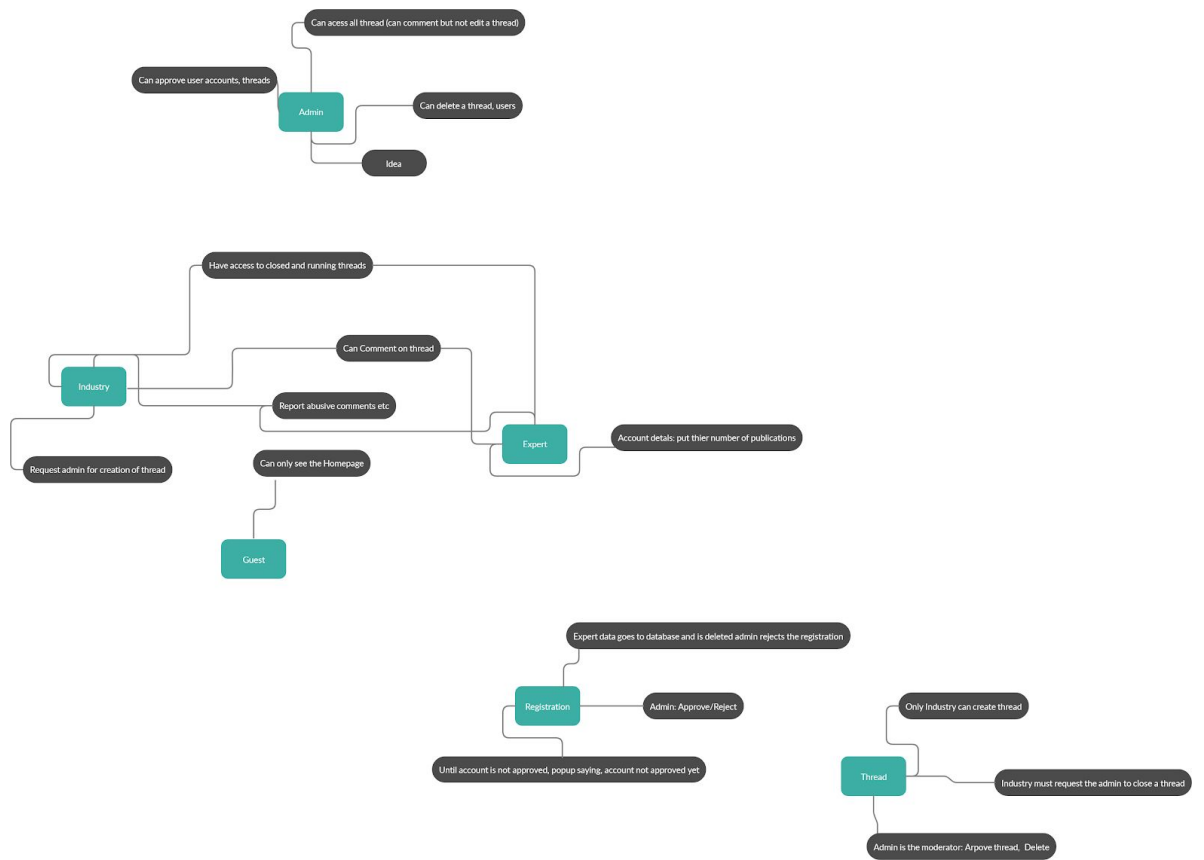
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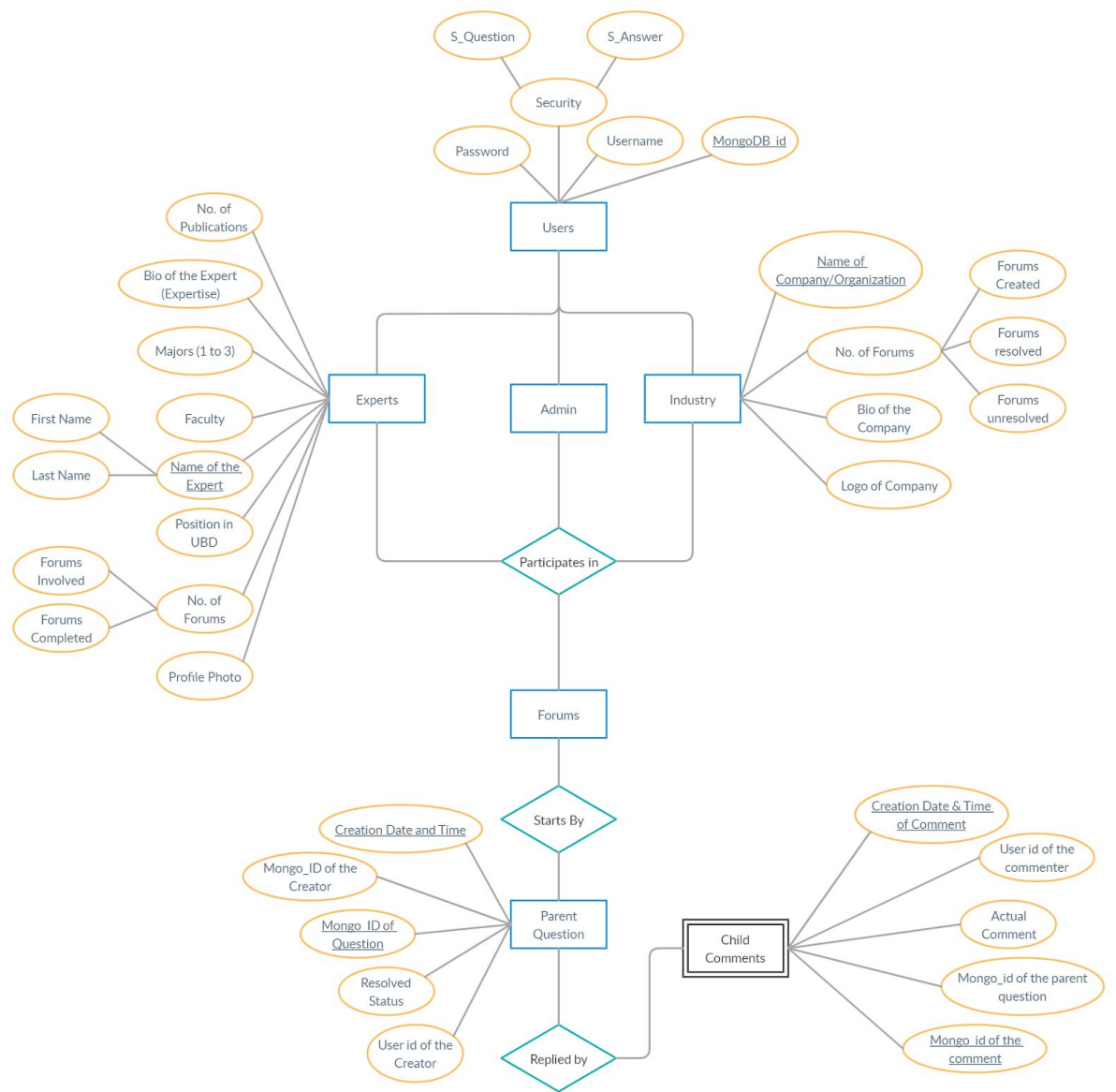
Designs



1. Site Map



2. Functions brain-storming Map



3. ER Diagram

Libraries

Front-End Libraries:

1. *GO - Multipurpose Bootstrap Template*
2. *Bootstrap*
3. *Droop Mega Menu (Nav bar)*
4. *Smart Menu (jQuery)*
5. *Prosidebar Template*
6. *Node BB (Forum) PAID*
7. *Vanilla*

Back-End Libraries:

1. *Django Framework*

Tools

1. *HTML5*
2. *CSS3*
3. *JavaScript*
4. *Python*
5. *MongoDB*
6. *JSON*
7. *Visual Studio Code*
8. *Git*
9. *GitHub*

GitHub

1. *Install Git & create GitHub account*
2. *Create Repository on GitHub*

GitHub Commands:

1. Login: **git config --global user.name "aku1997"**
2. Login: **git config --global user.email akukr1997@gmail.com**
3. Cloning repository from github into a new directory: **git clone sshlink**
4. Adding a file to index: **git add filename**
5. Adding all files to index: **git add .**
6. Check status of working tree: **git status**
7. Commit changes in index: **git commit -m "message"**
8. Push to remote repository: **git push**
9. Push changes from the local master branch to the remote master branch: **git push -u origin master**
10. Pull latest from remote repository: **git pull**

Final Tools Used for the Project

General Tools:

1. Git & Git-Hub
2. Visual Studio & VS Code

Front End Tools:

For Prototyping the UI:

1. Prototyping: Balsamiq Mockups 3 & Adobe XD

Languages for the frontend:

1. HTML5,
2. CSS3,
3. Javascript
4. Bootstrap

Back End Tools:

Serverside:

1. Nodejs
2. Expressjs

Clientside:

1. Fetch API
2. Bootstrap

Database & Others:

1. MongoDB
2. Mongoose
3. MongoDB Compass Community

UI Design

- **Project Name:** University & Industry Platform
- **Project Description:**
- **Who is this for?**
 - 3 types of users
 - Industry users
 - Manager (Admin)
 - Faculty users
- **Feature List (Product requirements):**
 - Homepage | Login (Industry,Faculty,Manager) | Sign Up (Industry,Faculty,Manager) | Manage Account | Problem Thread
 - As Industry Login: Request Account (by filling a form) | Post a Problem/ Edit a Problem (forms) | Search Experts and Researchers | Search other's problems | Make Request*
 - As Faculty Login: See Problem threads (only the one's assigned by the Manager) | Answer Problems
 - As Manager: Create accounts for Industry | Assign Faculty to specific problems | Access to approve/remove problem post and/or comments/answers
 - As guests: Fill form to request sign up | Access homepage | Search Experts/Researchers
- **Product Inspiration:**
 - Upwork.com
 - Toptal.com
 - Fiverr.com
 - Freelancer.com
 - Reddit
 - Quora
- **Deliverables:**
 - High Fidelity Prototype of all pages
 - Main Logo
- **Timeline / Deadline:**
 - 21 January - UI Research (Color theme, icons, fonts, wireframing)
 - 24 January - High Fidelity Prototype, Logo
 - 25 January - Framework/Library

Specifications:

- **Color Theme:**
 - #64B349 , #4549FF , #CC622D
- **Font:**
 - Heading : Roboto Slab
 - Body: Roboto
- **Icons:**
- **Nav:**
 - Logo
 - Log In
 - Sign Up
 - Post a Problem (redirects to sign up)
 - Search (For experts and/or completed researches)
 - About us
 - Experts (redirects to experts page)
- **Banner:**
 - Before banner is a small category bar (inspiration: upwork, it disappears when scrolling down)
 - Idea #1: Normal banner with bg image and some heading
 - Idea #2: No banner, instead its rectangles of previous research (inspiration: reddit)
 - Title
 - Explanation of the services the website provides
 - 2 Buttons
 - Button #1: Demo (explains how the website works, from an industry perspective)
 - Button #2: Get started (redirects to sign up page)
- **Body part 1:**
 - Heading: Our Services/ Some of the services we provide
 - Main content: Grid (squares) of services and their details (could be like: upwork.com, toptal.com, or fiverr.com)
- **Body part 2:**
 - Heading: How it works? (briefly describes the process to the potential industry user)
 - In around 4 steps describes the process (inspiration: upwork.com, see “how it works.”; inspiration: toptal.com, see: “Hiring made easy”)
- **Body part 3:**
 - Heading: “Some of our Research” or “Take a look at some of our projects”
 - Grid of previous projects/research

- Body part 4:
 - Heading: Ready to get started?
 - Button: Get Started (inspiration: toptal.com)
- Footer:
 - Inspiration: fiverr.com
 - Categories, About, Social Media, Copyright

Add a body section, where in circle there will be displayed # of researchers, experts, projects etc.