

Discover's Atomic Accessibility Design Challenge





Context: Given the challenges associated with risk compliance for people with disabilities (Visual, Motion, Motor, Auditory, Seizures, Cognitive/Learning), Atomic Design enables designers and developers to establish a round-trip workflow process that traverses from abstract concepts to concrete details. The application of Atomic Design concepts towards the development of accessibility compliance solutions yields consistency and scalability while mitigating regulatory risk.

The mission: Organize a well-rounded team that can leverage new accessibility tools to develop an end-to-end solution that explores novel applications of accessibility technologies for financial services.

Supporting Technology: Atomic Accessibility Design Theme Builder GitHub Repo

Tracks :

1.  **Design Thinking:** Utilize Design Thinking to define use cases for applying the Atomic Accessibility Design Theme Builder to the FinTech arena.
2.  **Hack-The-Code:** Develop a working end-to-end solution applying the Atomic Accessibility Theme Builder

Design Thinking Track

Explore potential use cases for Atomic Accessibility Design using Theme Builder.



Let's Congratulate...

Team **Secure Talking**

Project **Secure Talking Device**

- Sanjeev Singla (Discover)
- Ajay Mamgain (Discover)
- Jaya Bande (Discover)
- Prince Chhabra (Discover)

Project Description

Secure talking device to manage banking accounts and financial transactions.

Judges Feedback

"The combination of voice with the biometrics is interesting."

"It builds on a lot of existing technologies that the financial services sector could utilize."

\$1,000

Design Thinking Track

Explore potential use cases for Atomic Accessibility Design using Theme Builder.



Let's Congratulate...

Team **Access Crusaders**

Project **Focused Finance**

- Radhika Brahmandam (Discover)
- Thomas Hatz (Discover)
- Shriraj Parikh (Discover)
- Rannier Veloso (Discover)

Project Description

A solution for ADHD customers to quickly view and understand their account transaction data, in order to make quick financial decisions.

Judges Feedback

"It would be interesting to test this concept with ADHD users to see if it is more effective."

"The team followed the design thinking process and created artifacts depicting their empathy and understanding of the target persona."

\$2,000

Design Thinking Track

Explore potential use cases for Atomic Accessibility Design using Theme Builder.



Let's Congratulate...

Team **ADA Ninjas**

Project **Next Gen Accessibility**

- Ankur Bansal (Discover)
- Praveen prasanna Kumar (Discover)
- Abhishek Tiwari (Discover)

Project Description

Product for providing an accessibility solution for special needs customers on Discover Financial Services app.

Judges Feedback

"There are some interesting patterns introduced, some of which could be adopted by the financial industry as a whole."

"It would be great if all financial institutions established these common patterns."

\$3,000

Hack-The-Code Track

Develop a working end-to-end solution applying the Atomic Ally Theme Builder.



Let's Congratulate...

Team **The Accessibles**

Project **API Server Modernization**

- Dyslon Valente Neto
- Cody Zuschlag

Project Description

Introducing a change to the underlying technology used for backend servers.

Judges Feedback

"The project was well-detailed and explained by the team with a number of really significant quality-of-life enhancements from an engineering perspective, moving the tech stack to more modern tooling."

"We welcome this team to join the Theme Builder community."

\$1,500

Hack-The-Code Track

Develop a working end-to-end solution applying the Atomic Ally Theme Builder.



Let's Congratulate...

Team **Ninjas**

Project **MarkDowns Accessibility Theme Builder**

- Raja Durai Henry (Discover)
- Elango Ramasamy (Grainger)
- Tarun Luthra (Discover)
- Vikas Patil (Discover)

Project Description

Theme Builder extensions for Markdowns Pages.

Judges Feedback

“Great work and would have loved to see the confluence page application as it would have broad impact.”

“We welcome this team to join the Theme Builder community. We believe the creation of an automated build process for various documentation frameworks could be a valuable new enhancement.”

\$3,000

Hack-The-Code Track

Develop a working end-to-end solution applying the Atomic Ally Theme Builder.



Let's Congratulate...

Team **CodeWarriors**

Project **Accessify**

- Selorm Lotsu (Turntabl)
- Swithin Annor Okyere (Turntabl)
- Robert Ayetey (Turntabl)
- Ronald Ssebalamu (FINOS)

Project Description

Integrate accessibility testing into the development process.

Judges Feedback

"We welcome this team to join the Theme Builder community to collaborate on the creation of new features around CLI and VSCode Plugins."

"Love the modularity of the project. Would be great for the team to develop an end-to-end solution that integrates directly into the theme builder."

\$4,500

AXA's Inclusive Contracts Challenge




Context: The use of complex language in contracts and legal text makes them difficult to understand, particularly for individuals with cognitive disabilities.

The mission: Organize a well-rounded team that can develop a generic solution to simplify the language used in contracts, improve their overall clarity and accessibility, and make them easier to find and understand. This solution should be flexible enough to be deployed in any infrastructure.

Supporting Technology: AXA Computable Contracts API

Tracks:

1.  **Hack-The-Code:** Develop a working end-to-end solution applying the Design Thinking methodology and using the AXA Computable Contracts API to deliver a more simplified version of a contract where understandability and clause findability are enhanced.

Hack-The-Code Track

Develop a working end-to-end solution using the AXA computable contracts API.



Let's Congratulate...

Team **Surfari**

Project **Rachel Chat**

- Moses Zvinavashe

Project Description

Legal contract chatbot for AXA policies.

Judges Feedback

"I found the chatbot to be incredibly user-friendly. Its ability to provide accurate information for specific inquiries and even switch languages was impressive."

\$3,000

Hack-The-Code Track

Develop a working end-to-end solution using the AXA computable contracts API.



Let's Congratulate...

Team **Easy Agreement**

Project **Easy Agreement**

- Ritika Thareja (Student)

Project Description

Easy Agreement is a web-based application that aims to simplify the understanding of legal contracts.

Judges Feedback

"The videos are highly effective in demonstrating how to use the application, which appears to be quite straightforward. Its essential features, such as the screen-reader and language support, make it a valuable solution."

\$2,000

Hack-The-Code Track

Develop a working end-to-end solution using the AXA computable contracts API.



Let's Congratulate...

Team **TurntablTitans**

Project **ComprehendNow**

- Afsanat Ineza (Turntabl)
- Judith Serwaa Ofosu (Turntabl)
- Elvis Segbawu (Turntabl)
- Kwame Adu - Poku Sarfo (Turntabl)

Project Description

Natural language processing solution that aims to help people with disabilities better understand complex documents.

Judges Feedback

"The use of technologies such as NLP and ML in this chatbot presents a remarkable solution to the Challenge."

"The inclusion of accessibility options in the UI is a valuable enhancement."

\$5,000