

Integrated Data Science Platform

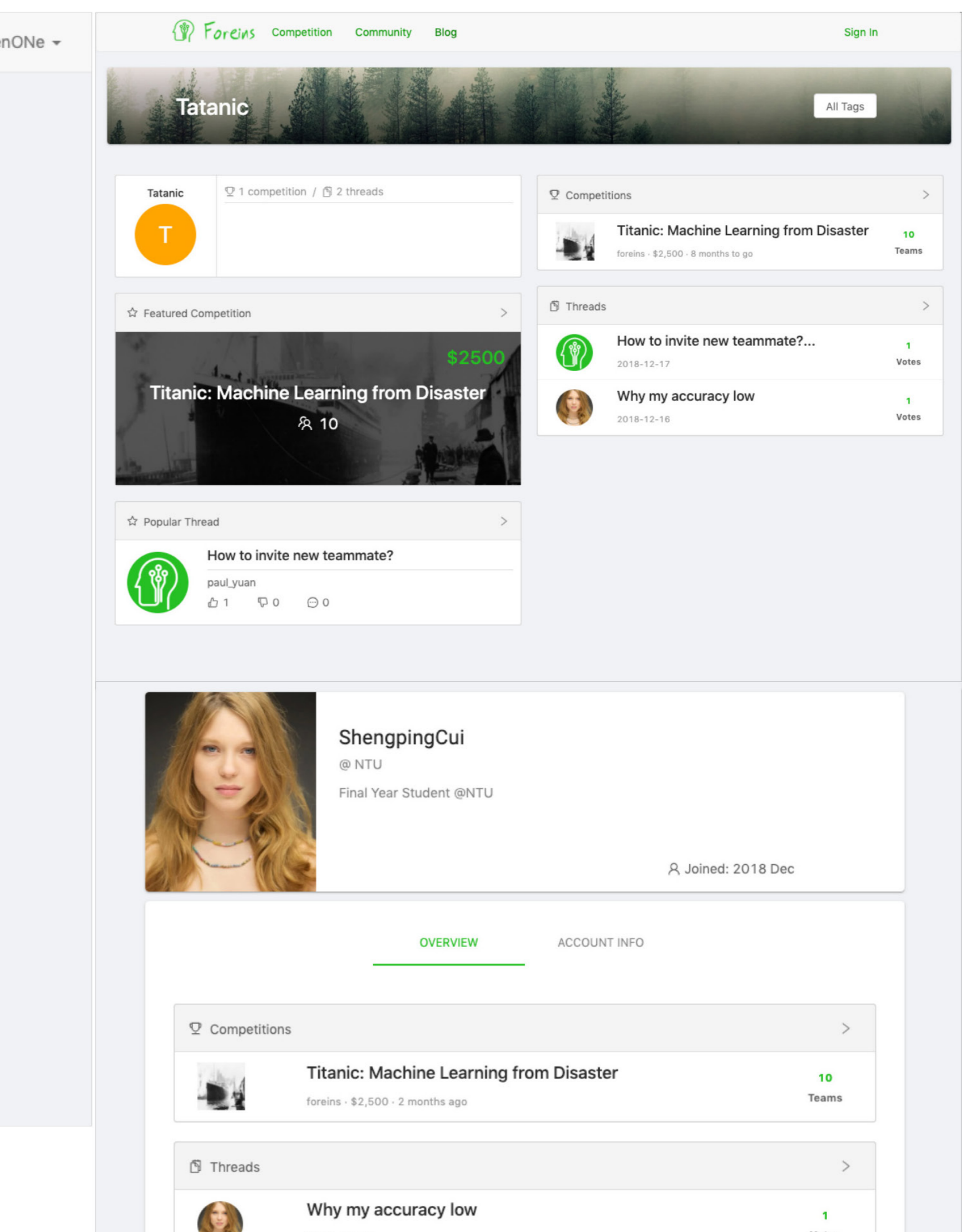
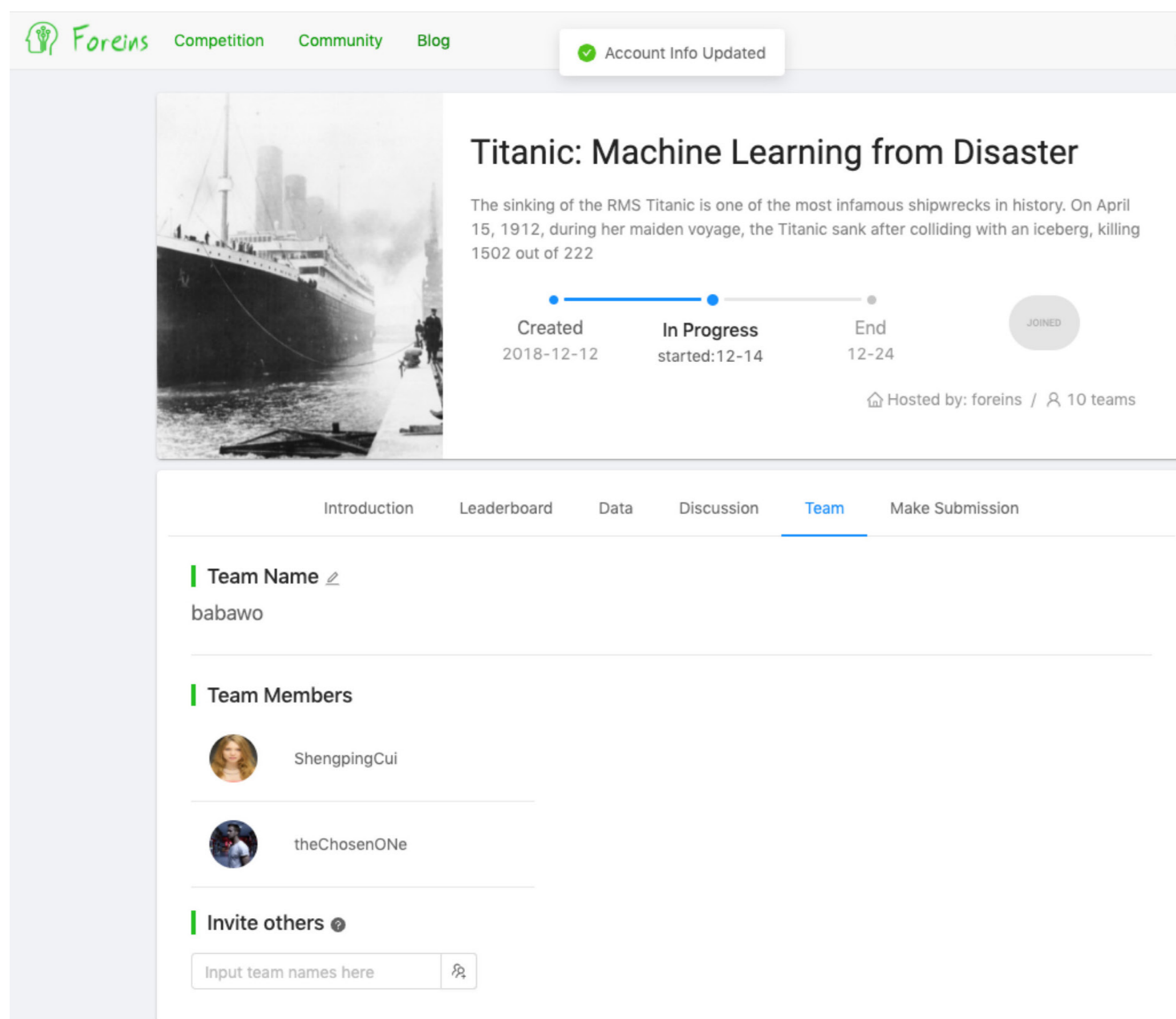
A platform that:

- (1) provides educational materials
- (2) facilitates communication of ideas
- (3) bridges the gap between the talents and businesses to solve real world problems.



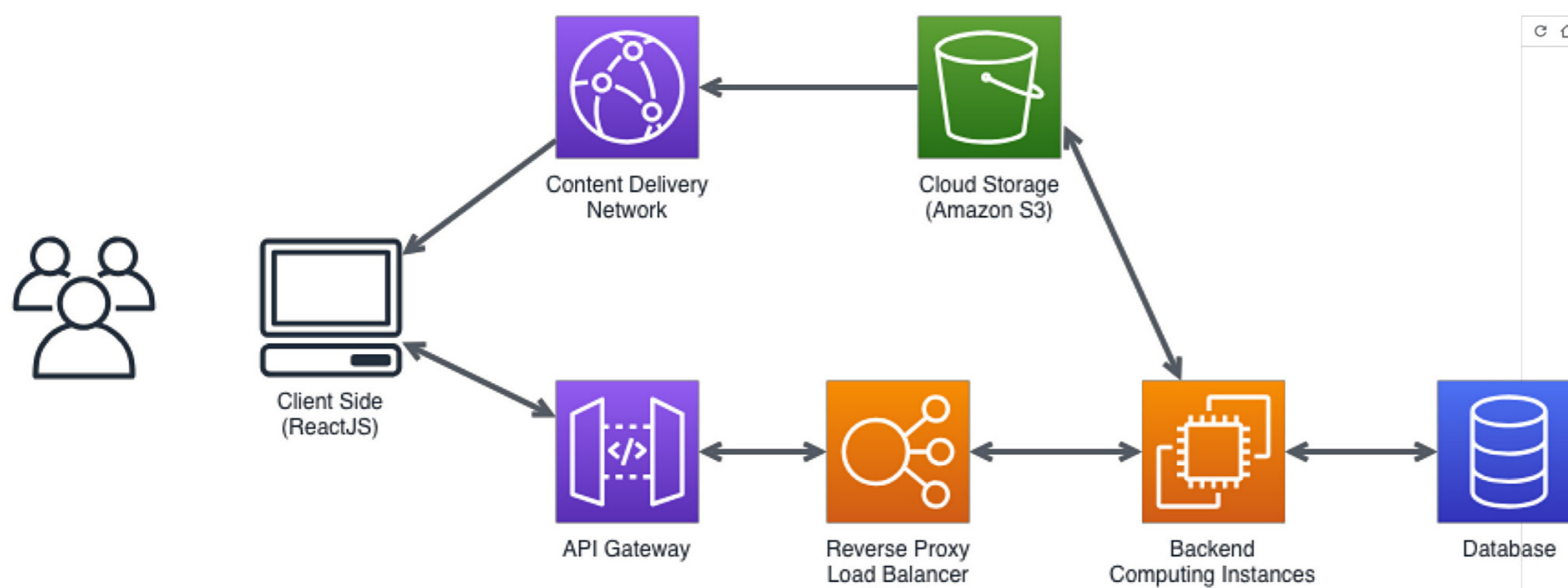
Technology Stack:

- (1) AWS
- (2) Nginx
- (3) React JS + Redux
- (4) Flask
- (5) Unicorn
- (6) MySQL



User	Competition	Thread Id	Title	Datetime	Content	Vote	Visible	Views
<User-11 DAISYAL>	<Competition-1 Titanic: Machine Learning from Disaster>	15	Difference between private and public leaderboard?	2018-12-16 18:05:59	<p>What's the difference between private and public leaderboard?</p>			3
<User-7 paul_yuan>	<Competition-1 Titanic: Machine Learning from Disaster>	17	How to invite new teammate?	2018-12-17 00:32:18	<p>I want to invite a new teammate to join my team, how to do that?</p>			18
<User-18 theChosenONE>	<Competition-1 Titanic: Machine Learning from Disaster>	20	Cannot see submission	2018-12-17 03:49:47	<h2>Why I cannot see any submission:</h2> <p>Please help</p>			6
<User-11 DAISYAL>	<Competition-2 National Data Science Challenge (NDSC)>	7	Can I participate from Indonesia?	2018-12-16 17:36:47	<p>Can I participate from Indonesia?</p>			4

Full Stack Development



The development was essentially full-stack as the implementation ranges from the database all the way to the front-end UI. The knowledge acquired through this project covers a wide range of computer science topics, from the high-level system architecture design to the lower level operating system and computer network.

An efficient content delivery network was utilized to distribute large dataset across different regions. Various security mechanisms were implemented as the platform is available to public with many service endpoints exposed.

While there were many challenges in developing such a complex system in a tight time frame, the platform was successfully delivered