



# HIVE IDEAREFINERY

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HIVE CONNECTS INVENTORS AND INVENTIONS TO INVESTORS THROUGH EXPERTS, RELYING ON A FEED THAT ALLOWS EXPERTS OF A RELEVANT FIELD TO GIVE QUICK INPUT TO INVENTIONS.

# Overview

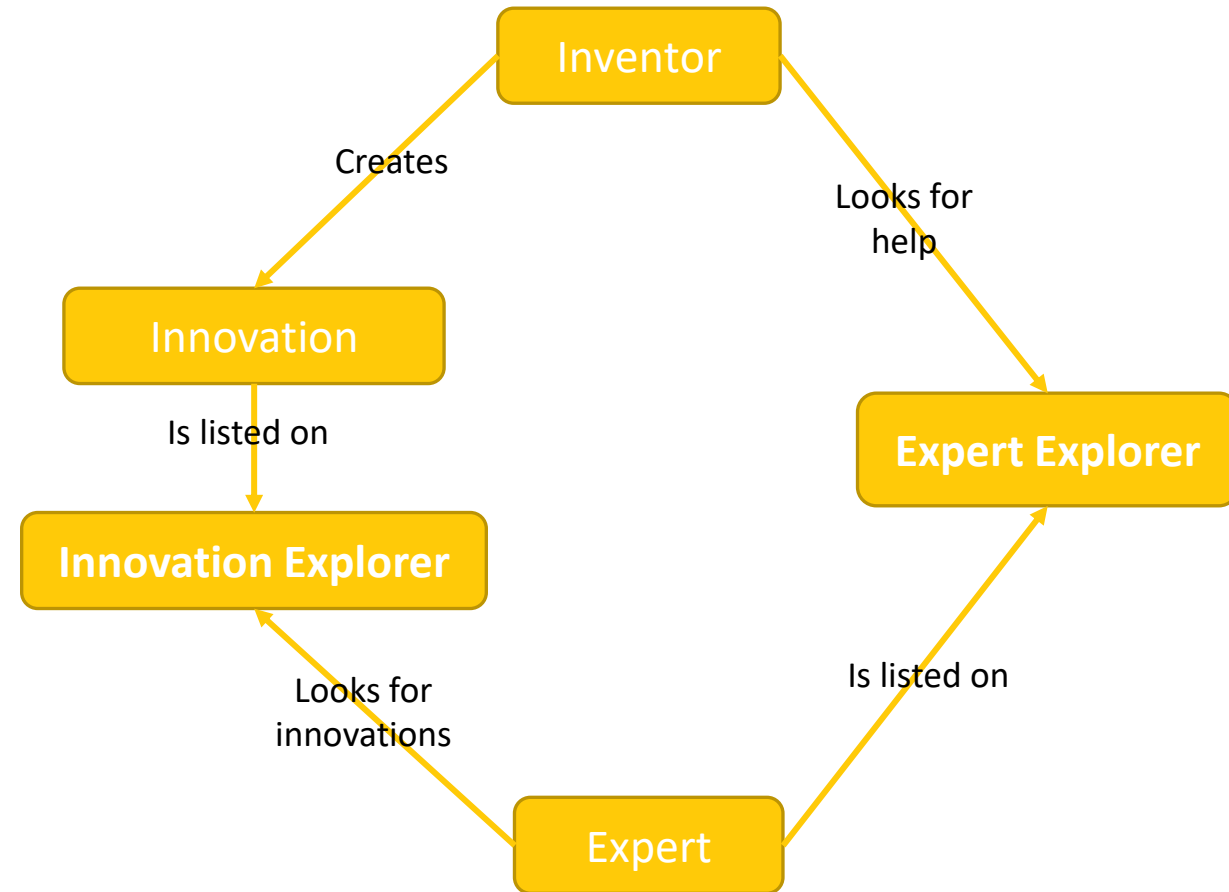
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Inventors are connected to experts through the **Expert Explorer**



Experts are connected to inventions through the **Invention Explorer**



Hive symbolizes bringing people together to a shared, centralized point of entrepreneurship; a hive of ideas. The colors also match Keksintösäätiö's existing look.

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# Inventor

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- To start inventors just need to give a brief summary of their idea

- This will be shown to experts through the **Invention Explorer**



- After initial experts appraise the idea, it can go forward to more in-depth analysis

- Initial evaluation can be offered for free to encourage the inventors to go forward with their ideas

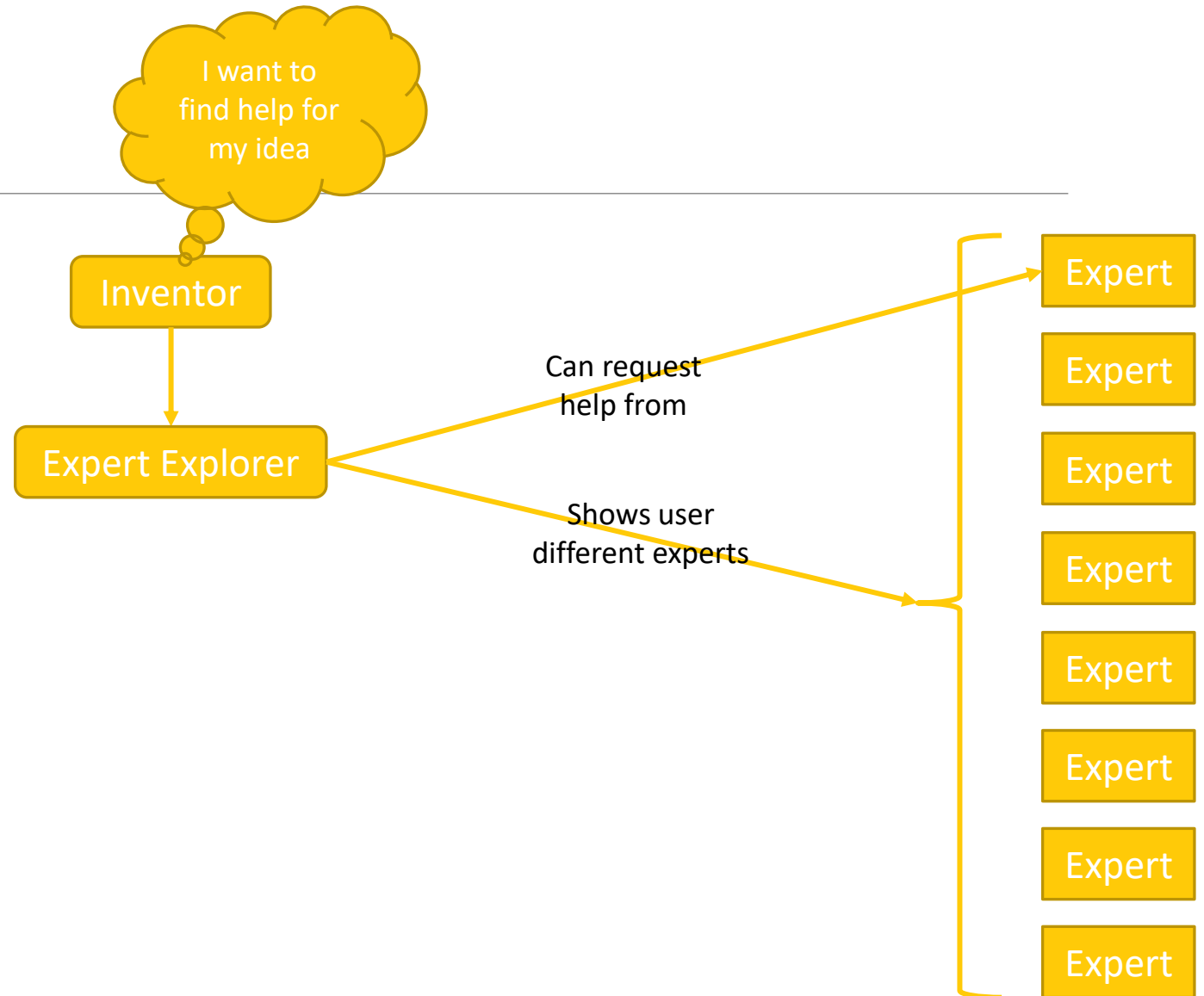


- Inventors can connect with experts through the **Expert Explorer**



# Expert Explorer

- Build to enable the fast shorting and viewing of experts
- A feed that will show inventors experts in their selected fields
- Each expert has a short biography about themselves
- Experts can be contacted or bookmarked



# Expert

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## INITIAL REVIEW EXPERT

- Sort through inventions with the help of **Invention Explorer**
- Can give investors quick feedback about their invention
  - Subpar inventions won't waste the time of experts or inventors
- Based on initial expert evaluations ideas can move forward to receive more direct help.
- Will help to "find the needle(s) from the haystack"

## IN-DEPTH EXPERT

- These experts will spend much more time on a single project
- Expert can request to join projects through the **Invention Explorer**

# Pitfalls in expert compensation

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Time tracking incentivizes prolonging answers and hurts those at the top of their field that know how to share their expertise effectively and concisely.

With this method one possibility would be to implement a knowledge-score that defines pay but that wouldn't remove the underlying problem.

For task-based compensation there's no universally applicable method of measuring progress and one can't expect all projects to be valued the same, but project value is hard to determine without expert analysis, leading to a situation where experts would determine their own pay.

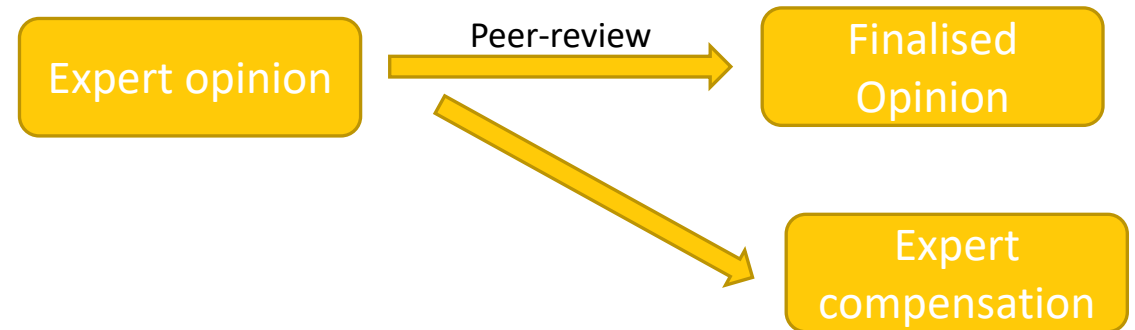
Tasks-by-field with indeterminate project value would also incentivize experts to only choose projects that can be solved as fast as possible to move on to the next.

# Suggested expert compensation

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We propose peer-reviewing expert answers as part of **Invention Explorer** in order for experts to be eligible for compensation on their own answers.

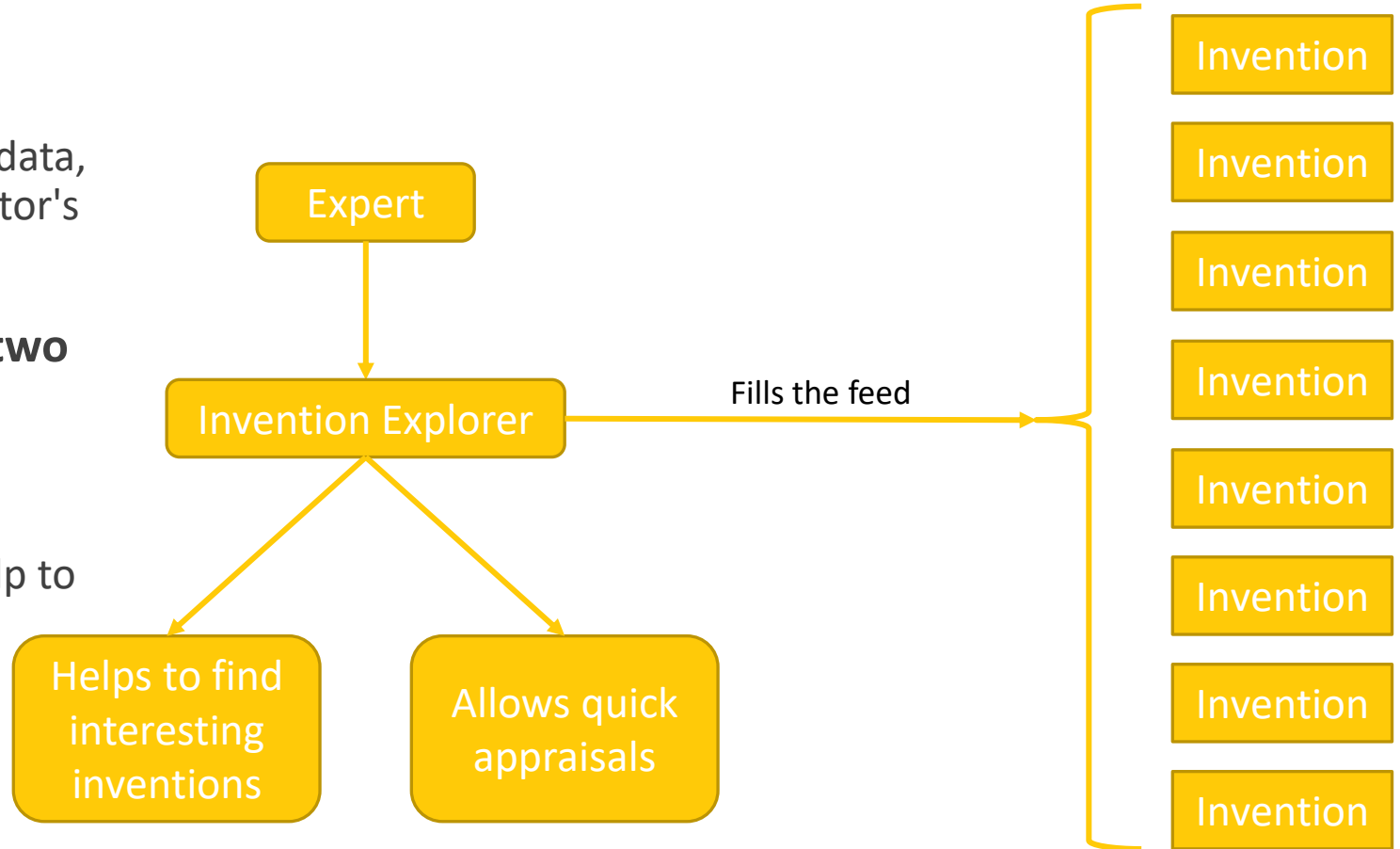
Having a like/dislike or equivalent, possibly granular system could be utilized to determine the quality of an answer, reputation/knowledge of an expert and thus their level of pay, further backed by determining the "difficulty" of a project in a similar way.





# Invention Explorer

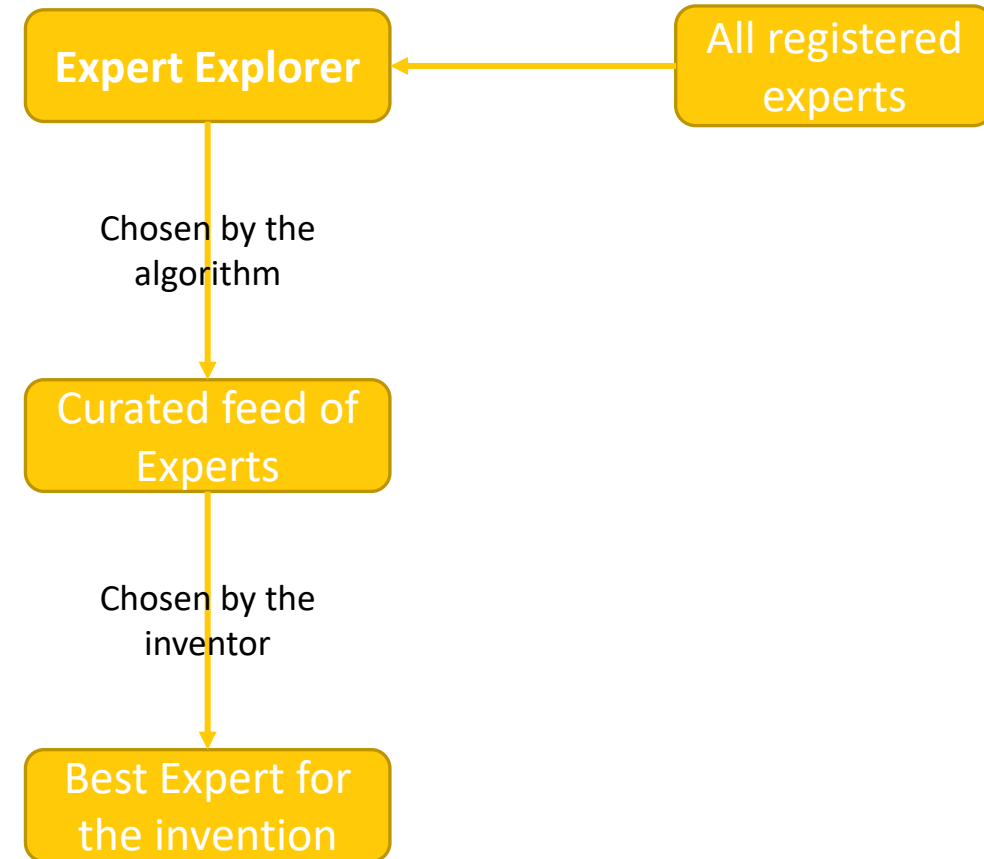
- Shows inventions to experts and investors through curated feed
  - Feed content is affected by viewer data, so relevancy to an expert's or investor's field
- Invention Explorer can be used in **two ways**:
  - Give quick initial feedback to new inventions
  - Find inventions to give in-depth help to



# How do the Explorers find suitable content for their feeds?

When creating a expert account the user will be asked about their field of expertise and previous projects. Based on those answers the **Invention Explorer** will begin to show the expert inventions. When the expert interacts with the platform the algorithm behind the feed will learn what kind of projects the expert is good at.

Likewise the **Expert Explorer** will show experts to inventors based on a algorithm. Inventors will choose best experts for their projects. By combining algorithms and user input inventors are guaranteed to receive the best person for the job.

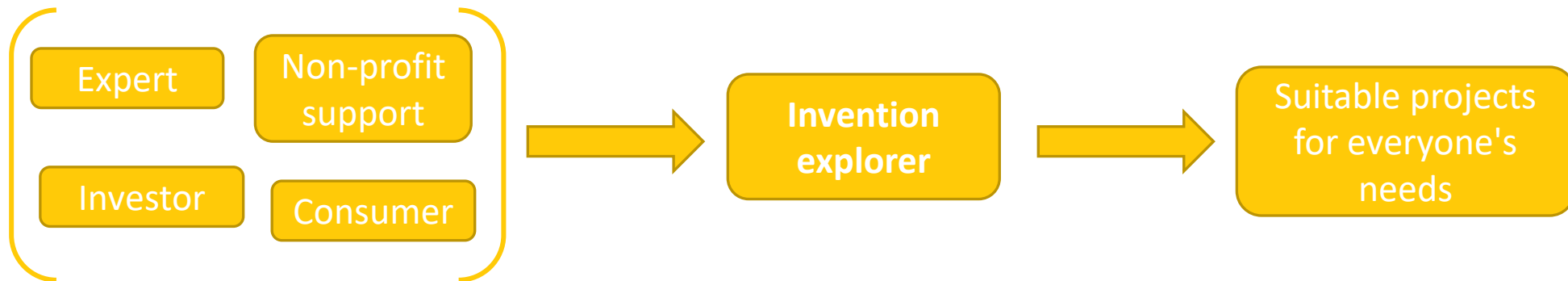


# Other users

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INVESTORS, INNOVATION SUPPORTERS (NON-PROFIT) AND CONSUMERS

- Experts are not the only ones that will benefit from **Innovation Explorer**



# Interface breakdown

- **Home page**
  - Sign up/login
- **Admin page**
  - Add/remove experts
  - Add/remove investors
  - # of users
  - # of projects
- **Expert profile/bio**
- **About us**
- **Invention explorer**
- **Expert explorer**
- **Add project**

# Backend structure

