



Golden Bridge of Wisdom

SUMMER APPATHON

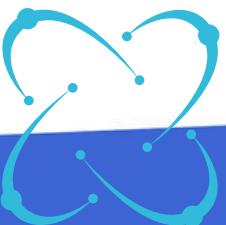
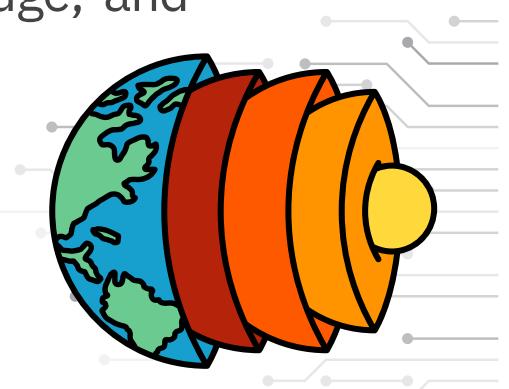
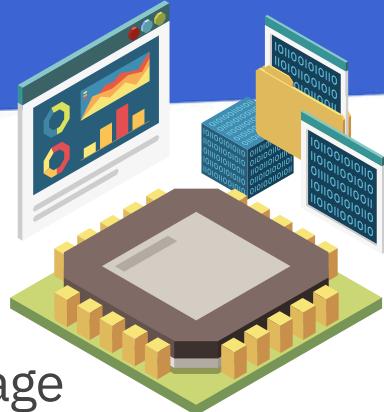
Overview

● **App Name:** Golden Bridge of Wisdom

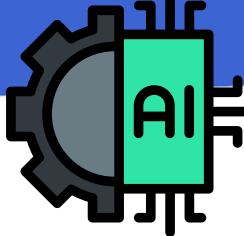
● **App Description:** Through a rewarding mechanism, encourage seniors to engage in continuous learning, share knowledge, and interact with others.

● **Track:** Youth Team

● **Category:** Elderly, Education, Communicate



Theme

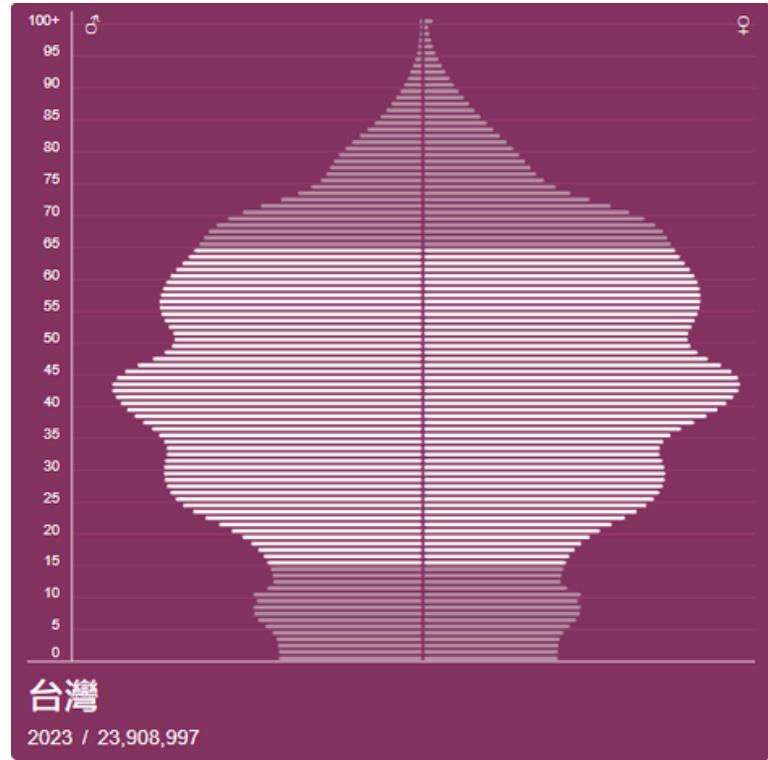


In current Taiwan, the proportion of the elderly population is as high as 17.56%. Many seniors, after retiring, face loneliness or fall into a sense of helplessness. Middle-aged professionals may not always find the time to accompany them, resulting in the elderly lacking opportunities for learning, sharing, and engaging with others. This issue has consistently been a part of our lives. We sincerely hope that, through the development of an application, we can provide channels and means for the elderly, both online and offline, to facilitate communication, and contribute to the issue of "aging."



1. Elderly Population Proportion in Taiwan

- The current proportion of the elderly population in Taiwan is as high as 17.56%.



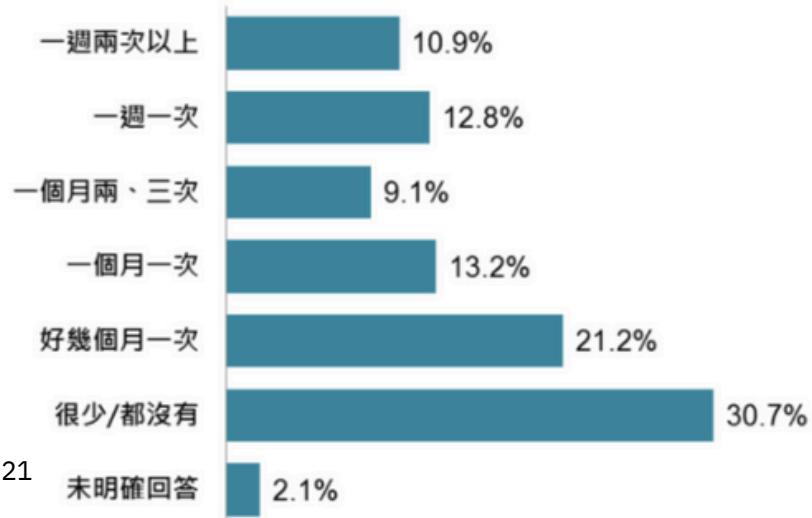
The right image is the population pyramid of Taiwan for the year 2023.



2. Loneliness and Helplessness After Retirement

- Many retirees face loneliness or feel a sense of helplessness.

過去一年與不同住的親人朋友聚會情形



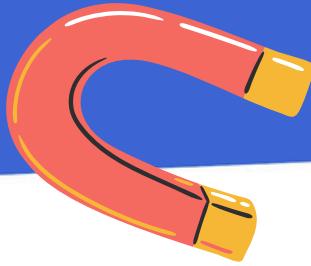
The picture on the right shows the proportion of elderly people in Taiwan who feel lonely in 2021



Instructions

this app is split into four main sections: Learning, Teaching, Activities, and Settings.





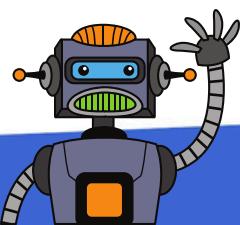
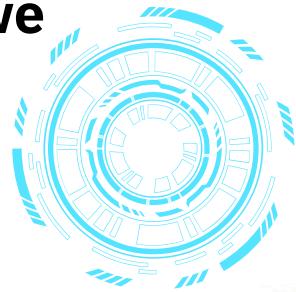
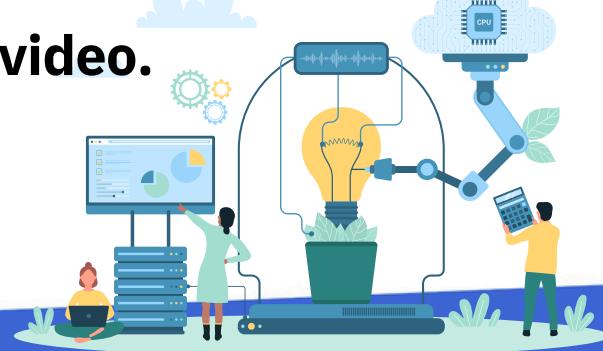
First, we open the 'Smart Golden Bridge' app.





Then, click the 'Learn' button at the bottom left of the home screen to go to the learning area.

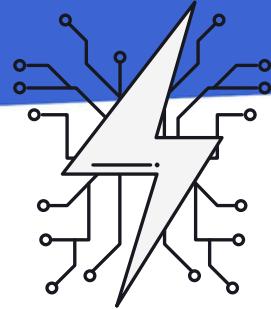
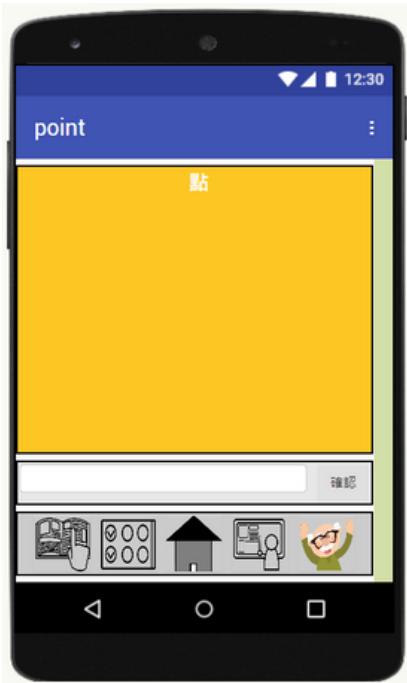
Let's try the first course on the list. When we open the video.



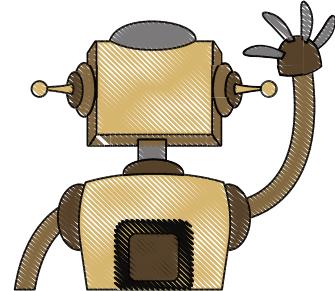
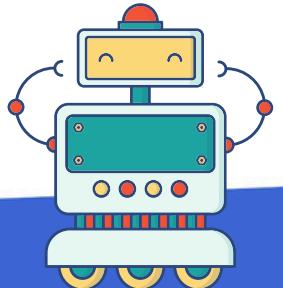


Press it to play the video.





After watching, we get points as a reward! The app will then show us our points.





The second button on the right is for learning stuff, where we can earn more points by sharing our work.

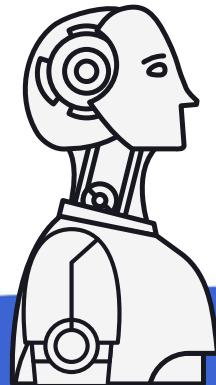




SCIENCE



The last button on the right is for settings, to change things like our name.



LimitATIONS

1. User Identity Verification

- Effectively and accurately verify user age and identity through their mobile phone number.
- Prevent non-target groups from using the application.

2. User Experience

- Ensure that the application interface and functions are suitable for elderly users.
- Includes simplified operations, large fonts, and voice command support.



LimitATIONS

3. Privacy and Security

- Protect user personal data and privacy during the verification process.

4. Device Accessibility

- Address the issue of users in remote or technologically underdeveloped areas lacking smart devices or internet access.
- Expand the coverage of the application.



LimitATIONS

5. Network Connection Quality

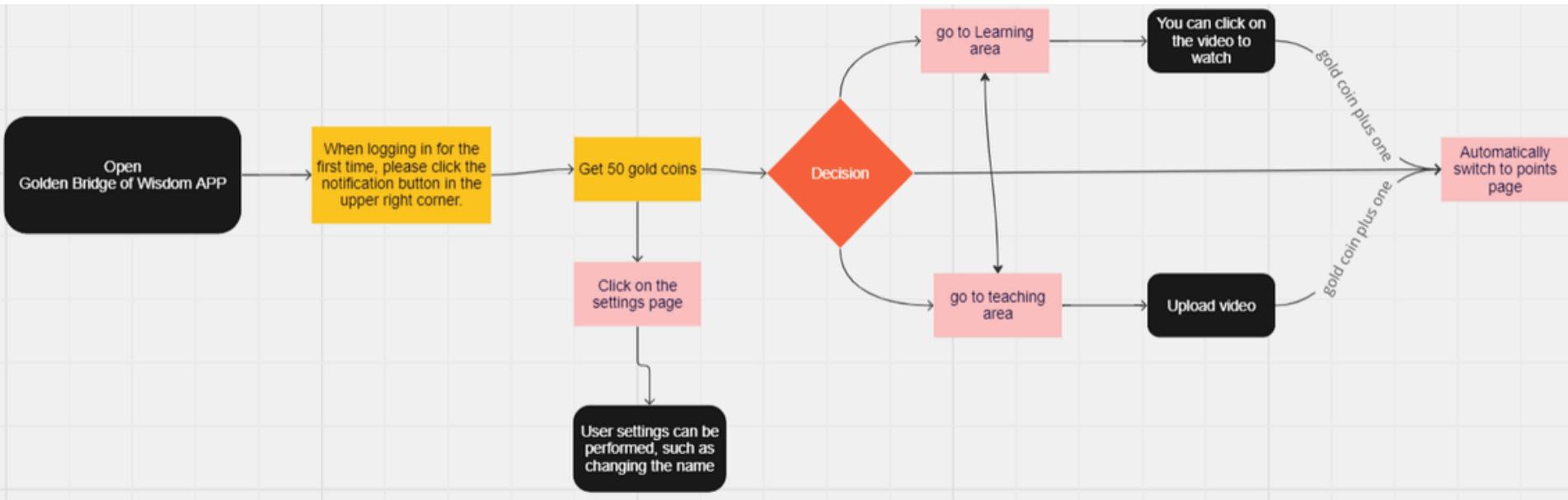
- Enable the application to function with low bandwidth or intermittent connections.
- Adapt to areas with unstable network connectivity.

6. Education and Training

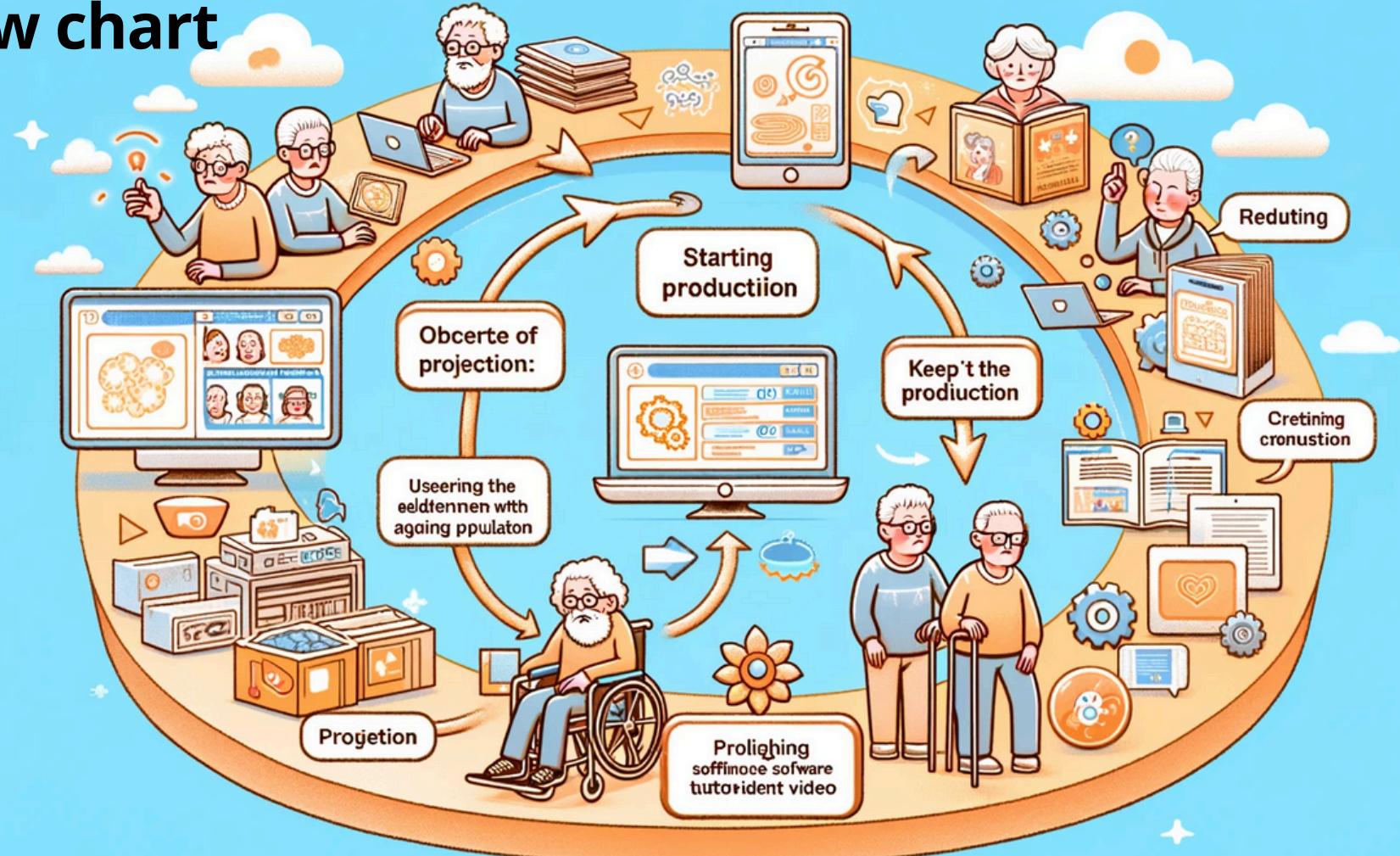
- Provide training resources or guidance.
- Help target users become familiar with the use of smart devices and the application.



Software flow chart



flow chart



Acknowledgements

Ray : Application Development

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