

## **Introduction**

Data protection and related ethical concerns have become a major topic for the implementation of human subject-related projects many of the regulations have been applied for protecting the data right of human beings, such as the General Data Protection Regulation (GDPR) [1]. According to GDPR, seven data protection principles have been emphasized, which are Lawfulness, fairness and transparency, Purpose limitation, Data minimization, Accuracy, Storage limitation, Integrity and confidentiality (security), Accountability. This statement will demonstrate how the Sync Study project conforms with these seven criteria.

### **Lawfulness, fairness, and transparency**

Sync Study will firstly introduce the user consent form in showing the user how the data is collected, stored, and distributed in the full cycle, using both the Chinese and English versions in maintaining the lawfulness, fairness, and transparency.

### **Purpose limitation**

Sync Study is determined to helping the students build their own career development ability from their major. Sync Study is providing a guide through this environment full of uncertainty, ambiguity, complexity, and changeability (UACC) [2].

### **Data minimization**

Sync Study will only collect career ability dimension related information, and only the evaluation dimension index will be collected (say, 4 out of 10). The limited data collection channel guarantees the data minimization principle.

### **Accuracy**

Sync Study will provide the corresponding ability testing procedures in order to remain the data accuracy of the collected data, just like the Linkedin ability evaluation questions.

### **Storage limitation**

GDPR defines organizations should not keep personal data for longer than needed for storage limitation and Study Sync will not keep the human subject-related data after the student has graduated from the university in meeting the storage limitation requirement [3].

### **Integrity and confidentiality (security)**

Study Sync uses the Aliyun for data storage, and Aliyun is a top storage provider in China, which could defend 800 million attacks every day, 200 million password cracks every day, 2 billion attacks on double 11 global shopping festival 2018. Thus the integrity and confidentiality of our data storage are guaranteed by Aliyun [4].

### **Accountability**

Accountability refers to a principle which requires that organizations put in place appropriate technical and organizational measures and be able to demonstrate what they did and its effectiveness when requested [5]. Based on our mini program attached in the previous email, serving to the corresponding user interface in crediting for the accountability of our products.

## **Conclusion**

In conclusion, the data collection, storage, and distribution method are within the seven criteria mentions by the GDPR.

## **Reference**

- [1] <https://gdpr-info.eu/>
- [2] [https://www.xjtlu.edu.cn/assets/files/xipu\\_institution/XIPUIInstitutionReport3.pdf](https://www.xjtlu.edu.cn/assets/files/xipu_institution/XIPUIInstitutionReport3.pdf)
- [3] <https://www.dataquise.com/gdpr-knowledge-center/storage-limitation-principle/>
- [4] <https://www.alibabacloud.com/product/security>
- [5] [https://edps.europa.eu/data-protection/our-work/subjects/accountability\\_en#:~:text=The%20General%20Data%20Protection%20Regulation,and%20its%20effectiveness%20when%20requested.](https://edps.europa.eu/data-protection/our-work/subjects/accountability_en#:~:text=The%20General%20Data%20Protection%20Regulation,and%20its%20effectiveness%20when%20requested.)