**Object Oriented**

**Programming # 04**

**Team # 12**

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**20141513 컴퓨터공학부 이지윤**

20143954 컴퓨터공학부 전진우

**Theme : save pictures with GPS information -> Use the ‘Emotion API’ and distinguish atmosphere of the place where the photo was taken.**

**Project name : Emocation (Emotion + location)**

**IDE : Android Studio**

**Language : JAVA**

**Implement issues :**

1. **Camera access**
2. **Emotion API (Microsoft)**
3. **GPS**
4. **Firebase (DB)**
5. **Login (firebase support)**
6. **UI**
7. **Additional Implementations (Public / Private, retouching)**

**Develop Planner :**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Nov**  **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **Dec**  **1** | **2** | **3** | **4** | **5** |
| **Making a project plan** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Set a IDE / make a UI frame** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Set a firebase(login) /**  **check Emotion API** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Implement GPS / Camera** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Test the source code** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Final Report** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |