**Task-14 :AGILE MODEL**

**Imagine a company is working on a smartphone app. This app will have features like user login, notifications, payment options, and the ability to share on social media. Here’s how the Agile approach might look:**

**Sprint 1 (Initial Development):**

**Start with the essentials: user login and a simple design.**

**Get feedback from beta users about how easy it is to use.**

**Sprint 2:**

**Introduce features like push notifications and connectivity with some social networks.**

**Do more testing, collect feedback, and make the interface better.**

**Sprint 3:**

**Add a payment system.**

**Test how payments work with real users, look out for bugs, and make adjustments.**

**Sprint 4:**

**Fix any bugs and improve performance based on what users said in earlier sprints.**

**Keep making the design and usability better from the feedback received.**

**This process keeps going in cycles, fine-tuning the app according to what customers say and what they need as things change.**

**Advantages of Agile in Product Development:**

**Speedy Releases: Agile helps launch parts of the product more quickly, so customers can enjoy the benefits sooner.**

**Happy Customers: By keeping customers involved and asking for their feedback, Agile helps ensure the product fits what they want.**

**Adaptability: If priorities shift or requirements change, the team can adjust without major disruptions.**

**Ongoing Improvement: Teams constantly work on making their efforts and the product better.**