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Week 2 – Team Roles and Technologies

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Team Roles and Responsibilities

For defining our roles, we used the **RUP role definitions by IBM < https://www.ibm.com/developerworks/rational/library/apr05 /crain/>** .

Some of the roles require a lot of decision making or should be assigned to all team members equally, so we defined some roles for the whole team.

Other tasks need a responsible person, otherwise it might end in chaos.

Hence the definition of specific roles.

Roles/Tasks of the whole team:

- Requirements

- Software architect

- Tester

- Deployment

Specific roles:

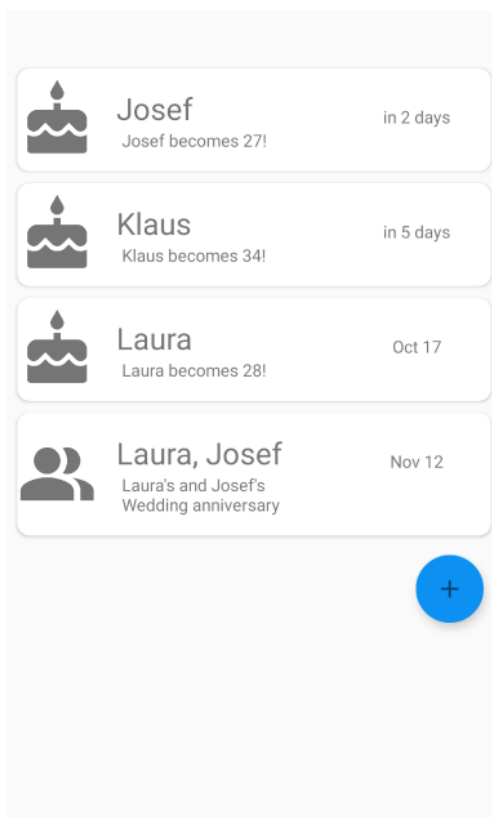| Role	Responsible Team Member	Task/Responsibilities
Designer	Henry Vanessa	Designing the App, Layout, Navigation, Content for the App
Implementation	Felix Henry	Person in charge for implementing the features and code base Tool Specialist for IDE (Felix) Tool Specialist for GitHub (Henry)
Test Designer (+Test Manager)	Felix	Define test requirements, Person in charge for testing, designing and writing the tests
Project Manager (+Scrum Master)	Vanessa	Responsible for scheduling, managing the project scope and the documentation (blog posts), YouTrack Specialist

Progress

Since our last blog post we specified the features of Plandora.

Those include that the user…

- … is able to sign up/sign in (possibly with Google sign in)
- … is able to save and edit birthdays and other events
- … will be notified a couple of days before each event
- … has the possibility to note down gift ideas for each upcoming event
- … is able to involve other app users in the planning of a gift (e.g. by inviting others to the planning)

Of course, these ideas are not fully finalized yet and we have many other notions that are not crucial for the basic concept.

To illustrate our expectations, we created some provisionally mockups. The exact content and design are of course not decisive here.

Josef's birthday

20.04.2020

☑ annual event

🖉

Gift ideas

Attendees: Henry, Vanessa, Felix

Item 1
Sub Item 1

Item 2
Sub Item 2

Item 3
Sub Item 3

Item 4
Sub Item 4

Archived ideas

Present for Josef   in 2 days
Invited by Henry   ✓   ✕

Present for Klaus   in 5 days
Invited by Vanessa   ✓   ✕

1. The main dashboard that shows upcoming events

2. a more detailed view of one specific event (including general information and the entered gift ideas)

3. Untreated invitations to a gift planning

Technology

For the development of the application we chose the **Kotlin programming language < https://kotlinlang.org/>** . Kotlin is a multiplatform programming language recommended by Google which targets Android, but also the JVM and Javascript for example.

Moreover, we will presumably use **Firebase < https://firebase.google.com/>** , which is a cloud-based platform provided by Google. It offers tools for user authentication, the storage of data and useful programming interfaces.

Further tools we will use are listed below:

- IDE: Android Studio/IntelliJ

- Project management: YouTrack

- Version control: git (**GitHub < https://github.com/nf3lix /Plandora>**)

- Documentation: **WordPress Blog < https://plandora51897980.wordpress.com/>**

Project management

We chose YouTrack as our project management tool. For each week, we will start a new sprint.

Our YouTrack dashboards can be found here:

- **Dashboard < https://dhbw-karlsruhe.myjetbrains.com /youtrack/dashboard?id=b8a6f933-42dd-4678- a23d-289af8a3a523>**
- **Scrum board < https://dhbw-karlsruhe.myjetbrains.com /youtrack/agiles/108-76/109-278>**
- **Epic board < https://dhbw-karlsruhe.myjetbrains.com /youtrack/agiles/108-97/109-304>**

Stay tuned and feel free to ask questions!

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