Research on different specializations:

Fontys ICT main semester program has 13 different specializations. These cover a wide range of fields, from software development to new technologies. Given my background in media design, I had a few options that matched my skills and interests. These include Front-End Development, Full-Stack Development, Game Design, Media Creation, and Mobile App Development.

Each of these fields has its own focus. For example, Front-End Development is about building interactive user interfaces or web development. Game Design combines storytelling with programming to create fun and engaging games. Media Creation focuses on visual storytelling and digital content, which fits well with my design background. Full-Stack Development covers both front-end and back-end programming, but it is more software-focused and less about design, so it doesn't match my interests as much.

There are also specializations like AI and Machine Learning, Applied Generative Data, Business IT and Data Analysis, Cybersecurity Essentials, Industry 4.0 and the Internet of Things (IoT), Intelligent Devices, and Network and Cloud Automation. These fields are more technical and data-focused, which is not what I am most passionate about.

After thinking about all these options, I chose Mobile App Development. This path is exciting because it allows me to learn three different programming languages: Swift, Flutter, and Kotlin. These languages are essential for making modern mobile apps. Mobile App Development also includes important UI/UX design skills, which fit well with my media design experience. This mix of creative design and app programming is the kind of challenge I am looking for.

I also chose not to focus on Full-Stack Development because it is more about software engineering, which is not my main interest. I decided against the Open Learning track as well, because it lacks the focus I want for building my skills in mobile and digital media.

In summary, I believe Mobile App Development is the right choice for me because it combines creativity and technical skills, preparing me for a future.