

**MuM's Fit
Software Architecture Document**

Version 1.4

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| MuM's Fit | Version: 1.4 |
| Software Architecture Document | Date: 12/12/2016 |

Revision History

| Date | Version | Description | Author |
|------------|---------|-------------------------------|--------|
| 21/11/2016 | 1.0 | Dokument erstellt | MuM |
| 24/11/2016 | 1.1 | Klassendiagramm aktualisiert | MuM |
| 28/11/2016 | 1.2 | Informationen hinzugefügt | MuM |
| 30/11/2016 | 1.3 | Anordnungsfehler ausgebessert | MuM |
| 12/12/2016 | 1.4 | Inhalte aktualisiert | MuM |

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Software Architecture Document

1. Introduction

1.1 Purpose

Dieses Dokument soll eine Übersicht über die Smartphone-App "MuM's Fit" aus diversen architektonischen Sichtweisen geben.

1.2 Definitions, Acronyms, and Abbreviations

MuM = Max und Moritz

n/a = not applicable

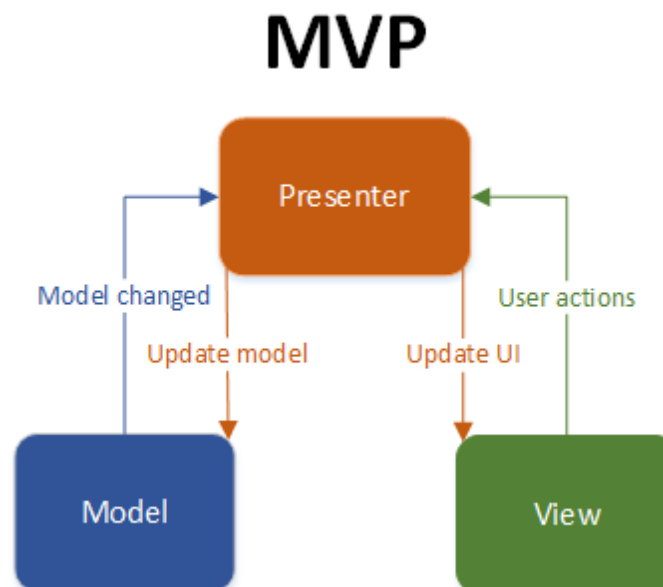
tbd = to be determined

1.3 References

| | |
|------------|---|
| SRS | https://github.com/MH0896/MuM-s-Fit/blob/master/Software%20Requirements%20Specification.pdf |
| Grafik MVP | http://www.techyourchance.com/mvp-mvc-android-1/ |
| | |

2. Architectural Representation

<http://www.techyourchance.com/mvp-mvc-android-1/>



3. Architectural Goals and Constraints

Wir wenden die klassischen MVC (bzw. MVP) Prinzipien an. Wir benutzen kein spezielles Tool dafür, da wir mit Android Studio arbeiten und das dort schon vorhanden ist.

Wie in der Grafik in Punkt 2 zu sehen ist wird unsere View vom Model isoliert und weiß sozusagen nichts. Jegliche Änderungen werden über den Presenter vorgenommen und an die View weitergeleitet.

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4. Use-Case View

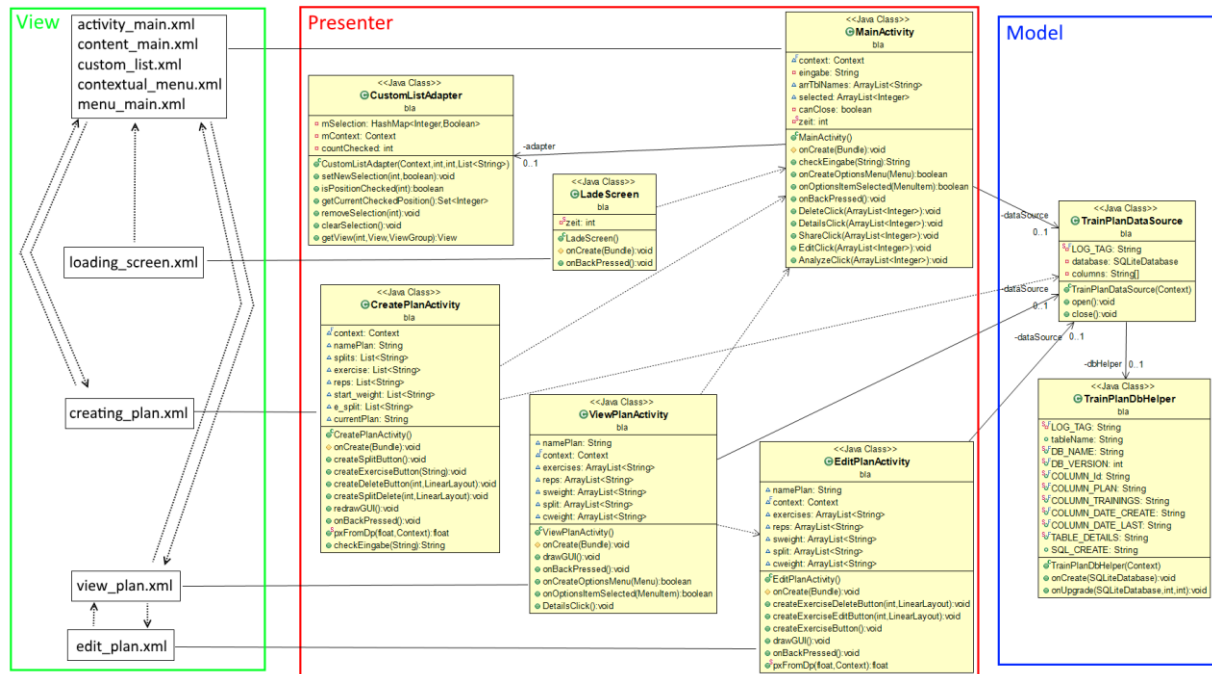
Overall-Use-Case-Diagram:

https://github.com/MH0896/MuM-s-Fit/blob/master/UCDs/Overall_UCD.png

5. Logical View

5.1 Architecturally Significant Design Packages

<https://github.com/MH0896/MuM-s-Fit/blob/master/MVP-Architecture.png>



6. Process View

tbd

7. Deployment View

tbd

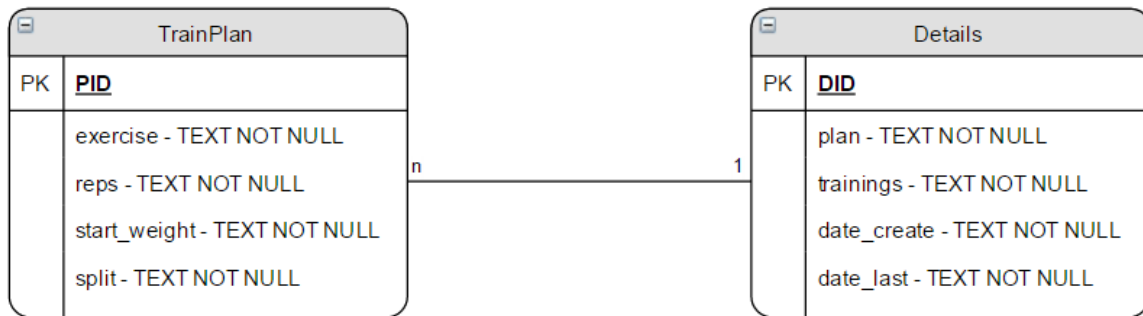
8. Implementation View

tbd

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9. Data View

<https://github.com/MH0896/MuM-s-Fit/blob/master/db-schema.PNG>



10. Size and Performance

tbd

11. Quality

tbd