1 Requirements

Package in package 'Requirements Model'

Requirements Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.1 Requirements diagram

Requirements diagram in package 'Requirements'

Requirements
Version 1.0
balatmak created on 3/6/2017. Last modified 3/6/2017



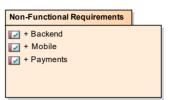


Figure 1: Requirements

1.2 Functional Requirements

Package in package 'Requirements'

Functional Requirements Version 1.0 Phase 1.0 Proposed created on 11/28/2016. Last modified 3/6/2017

1.2.1 Functional Requirements diagram

Requirements diagram in package 'Functional Requirements'

Functional Requirements
Version 1.0
balatmak created on 3/6/2017. Last modified 3/6/2017

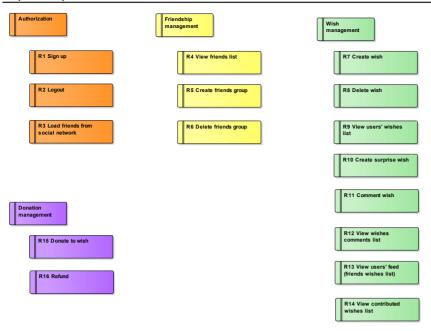


Figure 2: Functional Requirements

1.2.2 Authorization

Requirement «Functional» in package 'Functional Requirements'

Authorization
Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017



ELEMENTS OWNED BY Authorization

■ R3 Load friends from social network : Requirement «Functional»

on initial login user sees a list of all friends from Facebook who also use ElateMe. She can than quickly choose whom to subscribe to.

1.2.2.1 R1 Sign up

Requirement «Functional» owned by 'Authorization', in package 'Functional Requirements'

to start using ElateMe user must be logged in with his or her Facebook account.

R1 Sign up Version 1.0 Phase 1.0 Proposed balatmak created on 11/28/2016. Last modified 3/6/2017

1.2.2.2 R2 Logout

Requirement «Functional» owned by 'Authorization', in package 'Functional Requirements'

authorized user can log out; in this case s/he also stops receiving any notifications from the application.

R2 Logout Version 1.0 Phase 1.0 Proposed balatmak created on 11/28/2016. Last modified 3/6/2017

1.2.2.3 R3 Load friends from social network

Requirement «Functional» owned by 'Authorization', in package 'Functional Requirements'

on initial login user sees a list of all friends from Facebook who also use ElateMe. She can than quickly choose whom to subscribe to.

R3 Load friends from social network Version 1.0 Phase 1.0 Proposed balatmak created on 11/28/2016. Last modified 3/6/2017

1.2.3 Donation management

Requirement «Functional» in package 'Functional Requirements'

Donation management Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

ELEMENTS OWNED BY Donation management

■ R15 Donate to wish : Requirement «Functional»

ELEMENTS OWNED BY Donation management

R16 Refund : Requirement «Functional»

1.2.3.1 R15 Donate to wish

Requirement «Functional» owned by 'Donation management', in package 'Functional Requirements'

R15 Donate to wish Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.3.2 R16 Refund

Requirement «Functional» owned by 'Donation management', in package 'Functional Requirements'

 ${ \begin{tabular}{ll} R16 Refund \\ Version 1.0 \end{tabular} Phase 1.0 \end{tabular} Proposed \\ balatmak created on 3/6/2017. Last modified 3/6/2017 \\ \end{tabular}$

1.2.4 Friendship management

Requirement «Functional» in package 'Functional Requirements'

Friendship management Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

ELEMENTS OWNED BY Friendship management
R4 View friends list : Requirement «Functional»
R5 Create friends group : Requirement «Functional»
■ R6 Delete friends group : Requirement «Functional»

1.2.4.1 R4 View friends list

Requirement «Functional» owned by 'Friendship management', in package 'Functional Requirements'

 $R4\ View\ friends\ list$ $Version\ 1.0\ Phase\ 1.0\ Proposed$ balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.4.2 R5 Create friends group

Requirement «Functional» owned by 'Friendship management', in package 'Functional Requirements'

R5 Create friends group

 $Version \ 1.0 \ Phase \ 1.0 \ Proposed \\ balatmak \ created \ on \ 3/6/2017. \ Last \ modified \ 3/6/2017$

1.2.4.3 R6 Delete friends group

Requirement «Functional» owned by 'Friendship management', in package 'Functional Requirements'

R6 Delete friends group Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.5 Wish management

Requirement «Functional» in package 'Functional Requirements'

 $Wish\ management$ $Version\ 1.0\ Phase\ 1.0\ Proposed$ balatmak created on 3/6/2017. Last modified 3/6/2017

ELEMENTS OWNED BY Wish management
R10 Create surprise wish: Requirement «Functional»
R11 Comment wish : Requirement «Functional»
R12 View wishes comments list: Requirement «Functional»
R13 View users' feed (friends wishes list): Requirement «Functional»
R14 View contributed wishes list: Requirement «Functional»
R7 Create wish: Requirement «Functional»
R8 Delete wish: Requirement «Functional»
R9 View users' wishes list: Requirement «Functional»

1.2.5.1 R10 Create surprise wish

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

 $\begin{tabular}{ll} R10 \ Create \ surprise \ wish \\ Version \ 1.0 \ Phase \ 1.0 \ Proposed \\ balatmak \ created \ on \ 3/6/2017. \ Last \ modified \ 3/6/2017 \\ \end{tabular}$

1.2.5.2 R11 Comment wish

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

R11 Comment wish Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.5.3 R12 View wishes comments list

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

R12 View wishes comments list Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.5.4 R13 View users' feed (friends wishes list)

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

R13 View users' feed (friends wishes list)

Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.5.5 R14 View contributed wishes list

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

R14 View contributed wishes list Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.5.6 R7 Create wish

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

R7 Create wish Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.5.7 R8 Delete wish

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

R8 Delete wish Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.2.5.8 R9 View users' wishes list

Requirement «Functional» owned by 'Wish management', in package 'Functional Requirements'

R9 View users' wishes list Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3 Non-Functional Requirements

Package in package 'Requirements'

Non-Functional Requirements Version 1.0 Phase 1.0 Proposed created on 11/28/2016. Last modified 3/6/2017

1.3.1 Non-Functional Requirements diagram

Requirements diagram in package 'Non-Functional Requirements'

Non-Functional Requirements Version 1.0 balatmak created on 3/6/2017. Last modified 3/6/2017

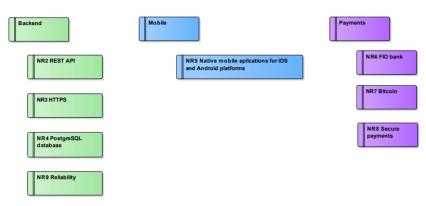


Figure 3: Non-Functional Requirements

1.3.2 Backend

Requirement «Functional» in package 'Non-Functional Requirements'

Backend Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

ELEMENTS OWNED BY Backend
■ NR1 Django framework : Requirement «Functional»
■ NR2 REST API : Requirement «Functional»
■ NR3 HTTPS : Requirement «Functional»
■ NR4 PostgreSQL database : Requirement «Functional»

ELEMENTS OWNED BY Backend

■ NR9 Reliability : Requirement «Functional»

1500 request/s

1.3.2.1 NR1 Django framework

Requirement «Functional» owned by 'Backend', in package 'Non-Functional Requirements'

NR1 Django framework Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.2.2 NR2 REST API

Requirement «Functional» owned by 'Backend', in package 'Non-Functional Requirements'

NR2 REST API Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.2.3 NR3 HTTPS

Requirement «Functional» owned by 'Backend', in package 'Non-Functional Requirements'

NR3 HTTPS Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.2.4 NR4 PostgreSQL database

Requirement «Functional» owned by 'Backend', in package 'Non-Functional Requirements'

NR4 PostgreSQL database Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.2.5 NR9 Reliability

Requirement «Functional» owned by 'Backend', in package 'Non-Functional Requirements'

1500 request/s

NR9 Reliability Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.3 Mobile

 $Requirement \ «Functional» \ in \ package \ 'Non-Functional \ Requirements'$

Mobile Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

ELEMENTS OWNED BY Mobile

RS Native mobile aplications for iOS and Android platforms: Requirement «Functional»

1.3.3.1 NR5 Native mobile aplications for iOS and Android platforms

Requirement «Functional» owned by 'Mobile', in package 'Non-Functional Requirements'

NR5 Native mobile aplications for iOS and Android platforms Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.4 Payments

Requirement «Functional» in package 'Non-Functional Requirements'

Payments Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

ELEMENTS OWNED BY Payments
■ NR6 FIO bank : Requirement «Functional»
NR7 Bitcoin : Requirement «Functional»
RR8 Secure payments : Requirement «Functional»

1.3.4.1 NR6 FIO bank

Requirement «Functional» owned by 'Payments', in package 'Non-Functional Requirements'

NR6 FIO bank Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.4.2 NR7 Bitcoin

Requirement «Functional» owned by 'Payments', in package 'Non-Functional Requirements'

NR7 Bitcoin Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017

1.3.4.3 NR8 Secure payments

Requirement «Functional» owned by 'Payments', in package 'Non-Functional Requirements'

NR8 Secure payments Version 1.0 Phase 1.0 Proposed balatmak created on 3/6/2017. Last modified 3/6/2017