

BUSINESS REQUIREMENTS,  
HIGH LEVEL BUSINESS  
REQUIREMENTS  
AND USER CASES

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### Business Requirements Template

Project Name: MBF - MyBabyFriend

Project Manager: Leila Jalali Abyaneh

Project Members: Sogol Ganji Haghighi - Roy Artarian

<b>Project:</b>	MBF (My Baby Friend)
<b>Prepared By:</b>	
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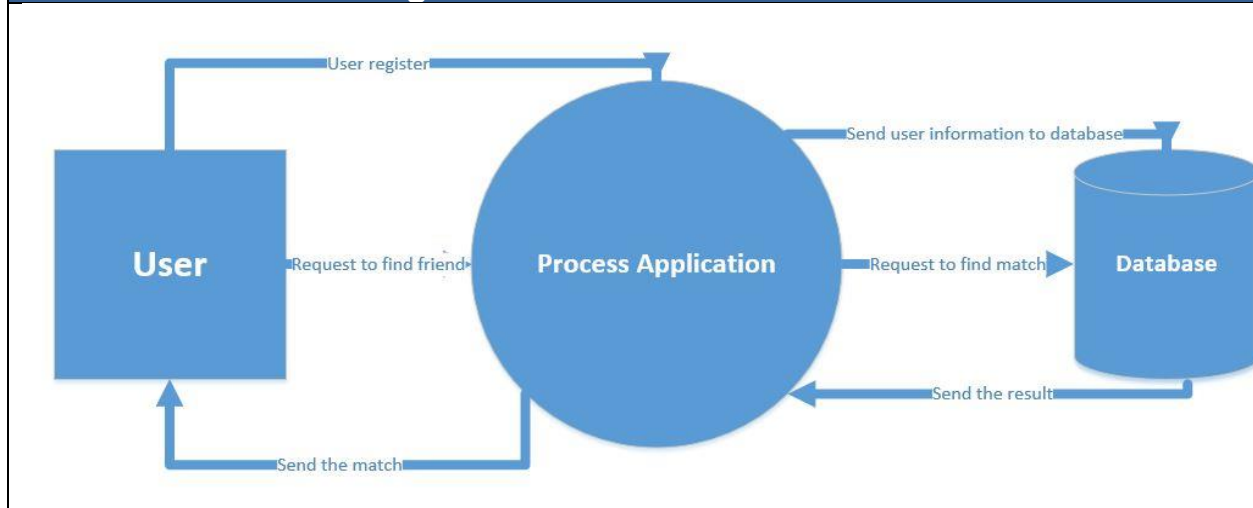
### Referenced Documents

Version number	Title	Author	Date	Source / Location
1.0	Project Summary	Leila Jalali Abyaneh	18-09-2018	Google Drive

### Revision History

Version Number	Revision Date	Summary of Changes	Modified by
1.0	18-09-2018		

### Business Context Diagram



## Business Requirements Template

Project Name: MBF - MyBabyFriend

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### 1. Proposed Business State

The application is going to help families with children all around the world. The Idea is about an application which is useful and beneficial for children and parents (especially new comers, immigrants or those who have recently moved from other cities or locations) to be able to acclimate easier to their new surroundings. Parents can make a profile for each one of their children and find the appropriate match as a friend for their children. This application provides some specific tools based on parents considerations and interests to help their children have a better social life, enjoy their childhood, share and improve their skills with other children and so on. In addition, this application helps parents share their difficulties and experiences with other parents in possibly similar situations and help find the best solutions to nurture their children. Moreover, this application is being designed for all children, so it can also be very helpful for children who suffer from various disabilities, disorders and diseases such as Autism, Down syndrome, deafness, etc...

### 2. Business Requirements

ID	Requirements
2.1	Need a web application for finding friend for children

### 3. Functional & Non-Functional Requirements

#### 3.1 Functional Requirements

ID	Requirements
3.1.1	This application should take the information entered by parents for each child and based on the parents filters, application should find the best match as a friend for the child and shows the number of matches and their locations on the google map. The application should provide the feature for user to contact with the matched friend and send messages.

#### 3.2 Non-Functional Requirements

ID	Requirements
3.2.1	The web application should load fast. The application should find the match and return the data in less than 30 seconds. The application should be user friendly and easy to use.

#### 3.3 User Requirements

ID	Requirements
3.3.1	User needs to be able to register through the application and make a profile as parent. User needs to be able to make a profile for each child. User needs to be able to enter the information separately for each child. For example, a child may dance Hip Hop and play piano, but another child may not.

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### 3.4 Reporting Requirements

ID	Requirements
3.4.1	User needs to be able to get the report for the number of friend for each child.

### 3.5 Security Requirements

ID	Requirements
3.5.1	Password must be hashed and at least 8 characters. User name must be the email address. User needs to have the option to choose between public and private for each information. User must read the policy and agree in order to be able to make the profile and use within the application.

## 4. Use Case

### 4.1 Use Case

<b>Actors (Internal Users, External Users, System)</b>	Parent
<b>Description</b>	Parent should register through the application and make a profile for their children separately, depending on child's needs. Parent should be able to find friends for each child based on their considerations and interests Parents should be able to contact with the matched friend and send messages.
<b>Preconditions</b>	Parents should read and agree with the terms and conditions of the application before they can start using the system.
<b>Flow of events</b>	<ol style="list-style-type: none"><li>1- User signs up to the application</li><li>2- User agrees to the terms and conditions</li><li>3- The system check all the validations</li><li>4- The system add the user to the database</li><li>5- User makes profile for each child</li><li>6- The system adds the information of each child to the database</li><li>7- User starts finding friends</li><li>8- User finds a friend based on his or her considerations and interests</li><li>9- The system finds the matched friends</li><li>10- The system reports the number of friends nearby</li><li>11- The system shows the matched friends as points on google map</li><li>12- User should send a request to the matched friend</li><li>13- Matched friend accept the request</li><li>14- User sends message to the new friend</li></ol>

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**4. Use Case****4.2 Use Case**

<b>Actors (Internal Users, External Users, System)</b>	Web System Administrator
<b>Description</b>	Admin should have access to all tables of database and modify or delete. Admin Establishes Web system specifications by analyzing access, information, and security requirements, designing system infrastructure. Upgrades Web system services; developing, testing, evaluating, and installing enhancements and new updates. Admin should take care of backup system as well
<b>Preconditions</b>	1- Admin should sign a nondisclosure contract
<b>Flow of events</b>	2- Admin should sign in to the dashboard 3- Admin should have access to delete or modify the data 4- Admin should test and debug the new updates 5- Admin install new versions or updated versions 6- Admin should take manage and maintain backup and restore.

**Requirements Scope Statements**

<b>HLR#</b>	<b>Description</b>	<b>Priority (H, M, L)</b>
HLR01	Finding Friend	H
HLR02	Finding match	H
HLR03	Nearest location's match	M

**5. Document Signatures**

<b>Role</b>	<b>Name</b>	<b>Student ID</b>	<b>Date</b>
Service Owner	Leila Jalali Abyaneh		
Project Manager	Leila Jalali Abyaneh	101088286	
Others	Sogol Ganji Haghighi Roy Artarian	100902745 101073487	