Project Proposal

# **Group Members:**

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# **Project Description:**

Life360 is a family networking app based on location services designed primarily to allow friends or family members to share location with each other. It allows users to share locations, group message, and call for roadside assistance. It has four main features which include location sharing, circles, places, and premium.

# **APIs Details:**

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| **Name** | **Type** | **Request** | **Response** |
| Login | Post | {  “username”: “xyz”,  “password”: “xyz”  } | {  “status code”:200,  “Status message”: “Logged in”  } |
| Sign up | Post | {  “username”: “xyz”,  “password”: “xyz”,  “email”: “email”  } | {  “status code”:200,  “Status message”: “Sign Up Successful”  } |
| Invite member | post | {  “code” : 123,  “senderuserToken” : “xyz”,  “receiveruserToken” : “abc”  } | {  “status code”:200,  “Status message”: “Invite send successfully”  } |
| Create circle | post | {  “circlename” : “abc”,  “admin” : “xyz”  } | {  “status code”:200,  “Status message”: “created circle successfully”  } |
| Join circle | put | {  “userID” : “xyz”,  “circle code” : “xyz”  } | {  “status code”:200,  “Status message”: “Joined circle successfully”  } |
| Change password | patch | {  “current pass”: 123,  “userID” : “xyz”,  “new pass” :”abc”  } | {  “status code”:200,  “Status message”: “changed password successfully”  } |
| Update settings | patch | {  “UserId” : “xyz”,  // new settings  } | {  “status code”:200,  “Status message”: “updated settings successfully”  } |
| Alert | post | {  “UserID”: 123,  “alert name”: “xyz”  } | {  “status code”:200,  “Status message”: “alert sent successfully”  } |
| Delete account | delete | {  “userID”: “xyz”,  “password”: “pass”  } | {  “status code”:200,  “Status message”: “deleted account successfully”  } |
| Check in | post | {  “userID”: 123,  “location” : “location”  } | {  “status code”:200,  “Status message”: “checked in successfully”  } |
| Add work | post | {  “UserID”: 123,  “location” : xyz  } | {  “status code”:200,  “Status message”: “added work successfully”  } |
| Feedback | post | {  “UserID”: 123,  “stars” : 5  } | {  “status code”:200,  “Status message”: “feedback sent successfully”  } |
| Battery low | put | {  “UserID”: 123,  “status” : 1  } | {  “status code”:200,  “Status message”: “battery alert sent successfully”  } |
| Logout | post | {  “UserID”: 123,  } | {  “status code”:200,  “Status message”: “logged out successfully”  } |
| Add school | post | {  “UserID”: 123,  “location” : [{“x”:1},{”y”:2}]  } | {  “status code”:200,  “Status message”: “Added school successfully”  } |
| Help alert | post | {  “sender UserID”: 123,  “receiver UserID”:234  “location” : “location” : [{“x”:1},{”y”:2}]  } | {  “status code”:200,  “Status message”: “help alert sent successfully”  } |
| Favorite places | post | {  “UserID”: 123,  “location” : “location” : [{“x”:1},{”y”:2}]  } | {  “status code”:200,  “Status message”: “added to favorite successfully”  } |
| Make circle admin | patch | {  “UserID”: 123,  “circle” : circle token  } | {  “status code”:200,  “Status message”: “made circle admin successfully”  } |
| Edit circle | patch | {  “circle token”: 123,  //Circle setting  } | {  “status code”:200,  “Status message”: “edited circle setting successfully”  } |
| Leave Circle | delete | {  “UserID”: 123,  “circle token” : 123  } | {  “status code”:200,  “Status message”: “left circle successfully”  } |
| Request location | Get | {  “senderUserID”: 123,  “recieverUserID”: 123  } | {  “status code”:200,  “location” : “location” : [{“x”:1},{”y”:2}]  } |
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# **Screens:**

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