



```

CREATE TABLE `users` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `uid` varchar(45) NOT NULL,
  `displayName` varchar(45) NOT NULL,
  `photoURL` varchar(2000) NOT NULL DEFAULT
'https://upload.wikimedia.org/wikipedia/commons/7/7c/Profile_avatar_placeholder_large.png'
,
  `online` datetime NOT NULL DEFAULT CURRENT_TIMESTAMP,

```

```
PRIMARY KEY (`id`),  
UNIQUE KEY `uid_UNIQUE` (`uid`),  
UNIQUE KEY `id_UNIQUE` (`id`)  
) ENGINE=MyISAM AUTO_INCREMENT=1 DEFAULT CHARSET=utf8
```

```
CREATE TABLE `friends` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `uid1` varchar(45) NOT NULL,  
  `uid2` varchar(45) NOT NULL,  
  `pending` int(1) NOT NULL DEFAULT '1',  
  PRIMARY KEY (`id`),  
  KEY `uid1_idx` (`uid1`),  
  KEY `uid2_idx` (`uid2`),  
  CONSTRAINT `uid1` FOREIGN KEY (`uid1`) REFERENCES `users` (`uid`) ON DELETE NO ACTION  
ON UPDATE NO ACTION,  
  CONSTRAINT `uid2` FOREIGN KEY (`uid2`) REFERENCES `users` (`uid`) ON DELETE NO ACTION  
ON UPDATE NO ACTION  
) ENGINE=MyISAM AUTO_INCREMENT=1 DEFAULT CHARSET=utf8
```

```
CREATE TABLE `messages` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `senderid` varchar(45) NOT NULL,  
  `receiverid` varchar(45) NOT NULL,  
  `message` varchar(2000) NOT NULL,  
  `time` datetime NOT NULL DEFAULT CURRENT_TIMESTAMP,  
  PRIMARY KEY (`id`),  
  UNIQUE KEY `id_UNIQUE` (`id`)  
) ENGINE=MyISAM AUTO_INCREMENT=1 DEFAULT CHARSET=utf8
```

```
CREATE TABLE `notifications` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `type` int(11) NOT NULL,  
  `otherId` varchar(45) DEFAULT NULL,  
  `uid` varchar(45) NOT NULL,  
  `message` varchar(2000) NOT NULL,  
  PRIMARY KEY (`id`),  
  KEY `uid_idx` (`uid`),  
  CONSTRAINT `uid` FOREIGN KEY (`uid`) REFERENCES `users` (`uid`) ON DELETE NO ACTION ON  
UPDATE NO ACTION
```

```
) ENGINE=MyISAM AUTO_INCREMENT=1 DEFAULT CHARSET=utf8
```