

# 회원가입시 uid 타입 매칭 실패 해결

**POST** /account/signup 가입하기

Response Class (Status 200)  
OK

Model | Example Value

```
{}
```

Response Content Type \*/\* ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
request	<pre>{  "email": "ssafy@like.com",  "nickname": "실습코치",  "password": "1234"}</pre>	request	body	Model   Example Value <pre>{  "email": "string",  "nickname": "string",  "password": "string"}</pre>

Parameter content type: application/json ▼

Response Messages

HTTP Status Code	Reason	Response Model	Headers
201	Created		

회원가입시 uid가 default값 설정이 안되었다는 에러가 뜹니다.

```
java.sql.SQLException Create breakpoint : Field 'uid' doesn't have a default value
at com.mysql.cj.jdbc.exceptions.SQLException.createSQLException(SQLException.java:129) ~[mysql-connector-java-8.0.18.jar:8.0.18]
at com.mysql.cj.jdbc.exceptions.SQLException.createSQLException(SQLException.java:97) ~[mysql-connector-java-8.0.18.jar:8.0.18]
at com.mysql.cj.jdbc.exceptions.SQLExceptionsMapping.translateException(SQLExceptionsMapping.java:122) ~[mysql-connector-java-8.0.18.jar:8.0.18]
at com.mysql.cj.jdbc.ClientPreparedStatement.executeInternal(ClientPreparedStatement.java:953) ~[mysql-connector-java-8.0.18.jar:8.0.18]
```

## 문제 원인

```
@Entity
@Data
@Builder
@NoArgsConstructor
@AllArgsConstructor
@JsonInclude(JsonInclude.Include.NON_NULL)
public class User {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private String uid;

    @JsonIgnore
    private String password;

    private String email;
```

위 어노테이션은 기본키 관리를 데이터베이스에 위임하는 옵션을 사용하고 있는데,

- 자동 생성(@GeneratedValue)
  - IDENTITY : 데이터베이스에 위임(MYSQL)
    - Auto\_Increment
  - SEQUENCE : 데이터베이스 시퀀스 오브젝트 사용(ORACLE)
    - @SequenceGenerator 필요
  - TABLE : 키 생성용 테이블 사용, 모든 DB에서 사용
    - @TableGenerator 필요
  - AUTO : 방언에 따라 자동 지정, 기본값

현재 제공되는 SQL의 uid값은 char 형이다. 또한 별도의 관리를 하고 있지 않다. 때문에 기본값을 설정하라는 문제가 발생한다.

```
CREATE TABLE `user` (
  `uid` char(8) NOT NULL,
  `email` varchar(128) DEFAULT NULL,
  `password` varchar(128) DEFAULT NULL,
  `create_date` datetime DEFAULT current_timestamp(),
  PRIMARY KEY (`uid`),
  UNIQUE KEY `user_idx_unique_email` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

## 해결방안

```
CREATE TABLE `user` (
  `uid` bigint NOT NULL AUTO_INCREMENT PRIMARY KEY,
  `email` varchar(128) DEFAULT NULL,
  `password` varchar(128) DEFAULT NULL,
  `create_date` datetime DEFAULT current_timestamp(),
  PRIMARY KEY (`uid`),
  UNIQUE KEY `user_idx_unique_email` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

uid를 다음과 같이 Long형으로 타입 변환하고 auto\_increment 옵션을 넣어준다.

```

@Entity
@Data
@Builder
@NoArgsConstructor
@AllArgsConstructor
@JsonInclude(JsonInclude.Include.NON_NULL)
public class User {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long uid;

    @JsonIgnore
    private String password;
    private String email;

    @Column(insertable = false, updatable = false)
    private LocalDateTime createDate;
}

```

user Entity의 uid 타입을 Long형으로 변경한다.

이후 다시 실행하면

POST /account/signup 가입하기

Response Class (Status 200)  
OK

Model | Example Value

```
{}
```

Response Content Type

Parameters

Parameter	Value	Description	Parameter Type	Data Type
request	<pre>{   "email": "ssafy@like.com",   "nickname": "실습코치",   "password": "1234" }</pre>	request	body	Model   Example Value

Parameter content type:

```
{
  "email": "string",
  "nickname": "string",
  "password": "string"
}
```

Response Messages









HTTP Status Code	Reason	Response Model	Headers
201	Created		

```

2021-07-13 12:48:20.149 INFO 12088 --- [main] o.s.s.concurrent.ThreadPoolTaskExecutor : I
2021-07-13 12:48:20.237 INFO 12088 --- [main] d.s.w.p.DocumentationPluginsBootstrapper : C
2021-07-13 12:48:20.245 INFO 12088 --- [main] d.s.w.p.DocumentationPluginsBootstrapper : F
2021-07-13 12:48:20.260 INFO 12088 --- [main] s.d.s.w.s.ApiListingReferenceScanner : S
2021-07-13 12:48:20.361 INFO 12088 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : T
2021-07-13 12:48:20.361 INFO 12088 --- [main] com.web.curation.WebCurationApplication : S
2021-07-13 12:48:25.138 INFO 12088 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : I
2021-07-13 12:48:25.138 INFO 12088 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : I
2021-07-13 12:48:25.156 INFO 12088 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : C
getEmail: ssafy@like.com
getNickname: 실습코치
getPassword: 1234

```

<

Result Grid   Filter Rows:  Edit:    Export/Import:   Wrap Cell Content: 

	uid	email	password	create_date
▶	6	ssafy@like.com	1234	2021-07-13 03:48:23
*	NULL	NULL	NULL	NULL

잘 들어간걸 확인할 수 있다. 광주 2반 파이팅!!!