

창업 캡스톤 디자인



일박이한 (박윤지, 한윤석, 한승규)

안전하게, 편리하게 타자!

세이프고 (SafeGo)

- 중간발표 -

팀원 소개



일박이한 (박윤지, 한윤석, 한승규)

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```
mysql> create database safego;  
Query OK, 1 row affected (0.09 sec)  
  
mysql> use safego;  
Database changed
```

safego DB 생성

```
mysql> create table comment(  
-> id int(11) primary key not null auto_increment,  
-> content mediumtext not null,  
-> board_id int(11) not null,  
-> writeTime timestamp default current_timestamp not null,  
-> foreign key (board_id) references board(id) on update cascade);  
Query OK, 0 rows affected (0.04 sec)
```

comment 테이블 생성

```
mysql> desc comment;  
+-----+-----+-----+-----+-----+-----+  
| Field      | Type         | Null | Key | Default        | Extra           |  
+-----+-----+-----+-----+-----+-----+  
| id         | int(11)      | NO   | PRI | NULL           | auto_increment |  
| content    | mediumtext   | NO   |     | NULL           |                 |  
| board_id   | int(11)      | NO   | MUL | NULL           |                 |  
| writeTime  | timestamp    | NO   |     | CURRENT_TIMESTAMP | DEFAULT_GENERATED |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.00 sec)
```

comment 테이블 구조

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```
mysql> create table board (  
-> id int(11) primary key not null auto_increment,  
-> title varchar(32) not null,  
-> content mediumtext not null  
-> );
```

board 테이블 생성

```
mysql> desc board;  
+-----+-----+-----+-----+-----+-----+  
| Field  | Type          | Null | Key | Default | Extra          |  
+-----+-----+-----+-----+-----+-----+  
| id     | int(11)       | NO   | PRI | NULL    | auto_increment |  
| title  | varchar(32)   | NO   |     | NULL    |                |  
| content | mediumtext    | NO   |     | NULL    |                |  
+-----+-----+-----+-----+-----+-----+  
3 rows in set (0.01 sec)
```

board 테이블 구조

Comment.java

```
package capstone.safego.model;

import com.fasterxml.jackson.annotation.JsonIgnore;
import lombok.*;

import javax.persistence.*;
import java.sql.Timestamp;

@Entity(name = "comment")
public class Comment {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Integer id;
    private String content;
    @Column(name="writeTime", columnDefinition="TIMESTAMP DEFAULT CURRENT_TIMESTAMP")
    private Timestamp writeTime;

    @ManyToOne
    @JoinColumn(name = "board_id")
    @JsonIgnore
    private Board board;
}
```

Board.java

```
package capstone.safego.model;

import com.fasterxml.jackson.annotation.JsonIgnore;
import lombok.*;

import javax.persistence.*;
import java.util.List;

@Entity(name = "board")
@Getter
@Setter
@NoArgsConstructor
@AllArgsConstructor
@Builder
public class Board {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Integer id;
    private String title;
    private String content;

    @OneToMany
    @JsonIgnore
    @JoinColumn(name = "board_id")
    private List<Comment> commentList;
}
```


SampleController.java

```
package capstone.safego;

import capstone.safego.model.Board;
import capstone.safego.model.Comment;
import capstone.safego.repository.BoardRepository;
import capstone.safego.repository.CommentRepository;
import lombok.RequiredArgsConstructor;
import org.springframework.stereotype.Controller;
import org.springframework.web.servlet.ModelAndView;
import org.springframework.web.bind.annotation.*;

import java.util.List;

@Controller
@RequestMapping("/")
@RequiredArgsConstructor
public class SampleController {
    private final BoardRepository boardRepository;
    // private final CommentRepository commentRepository;

    @GetMapping("/board")
    public ModelAndView getTitles() {
        ModelAndView modelAndView = new ModelAndView( viewName: "index");
        List<Board> boardList = boardRepository.findAll();
        modelAndView.addObject( attributeName: "title", attributeValue: "첫 화면");
        modelAndView.addObject( attributeName: "list", boardList);
        return modelAndView;
    }
}
```

CommentRepository.java

```
package capstone.safego.repository;

import capstone.safego.model.Comment;
import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.stereotype.Repository;

public interface CommentRepository extends JpaRepository<Comment, Integer> {
}
```

JpaRepository.java

```
package capstone.safego.repository;

import capstone.safego.model.Board;
import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.stereotype.Repository;

public interface BoardRepository extends JpaRepository<Board, Integer> {
}
```

개발 상황 및 중간 시연



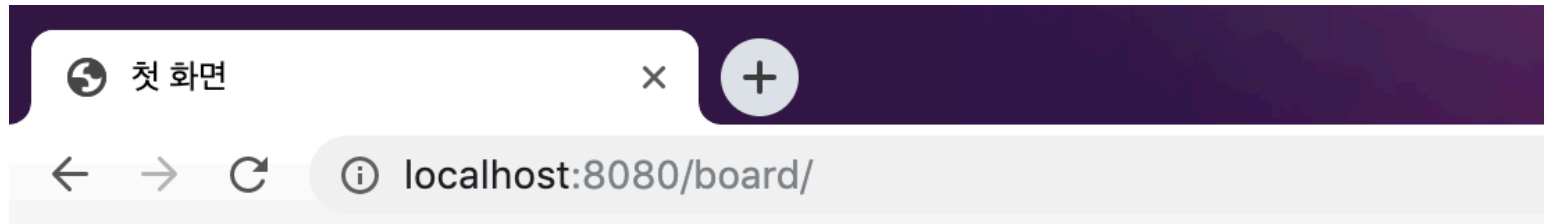
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```
[mysql> insert into board (title, content) values ("2222", "spoddo");  
Query OK, 1 row affected (0.02 sec)
```

```
[mysql> insert into board (title, content) values ("3333", "fgfg"), ("4444", "ghg  
kgh");  
Query OK, 2 rows affected (0.00 sec)  
Records: 2  Duplicates: 0  Warnings: 0
```

board 테이블 데이터 삽입

결과화면



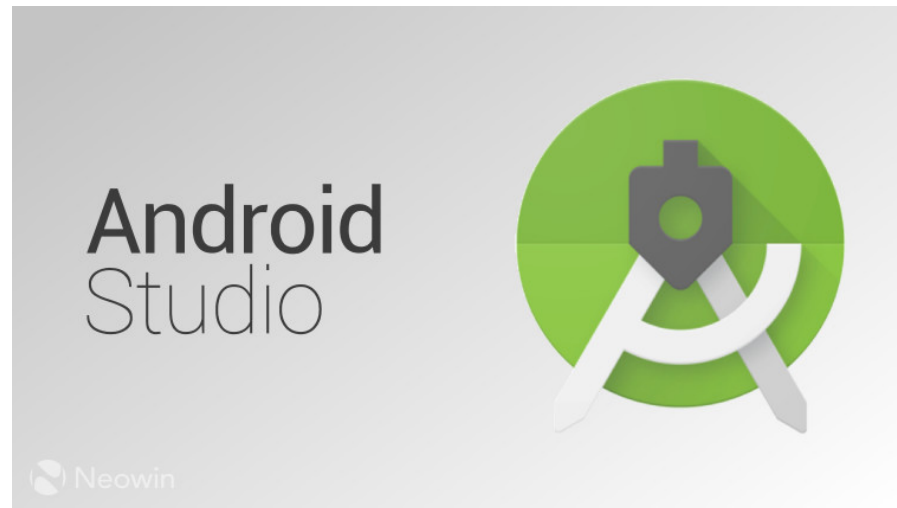
게시글 제목: 게시글제목

게시글 제목: 2222

게시글 제목: 3333

게시글 제목: 4444

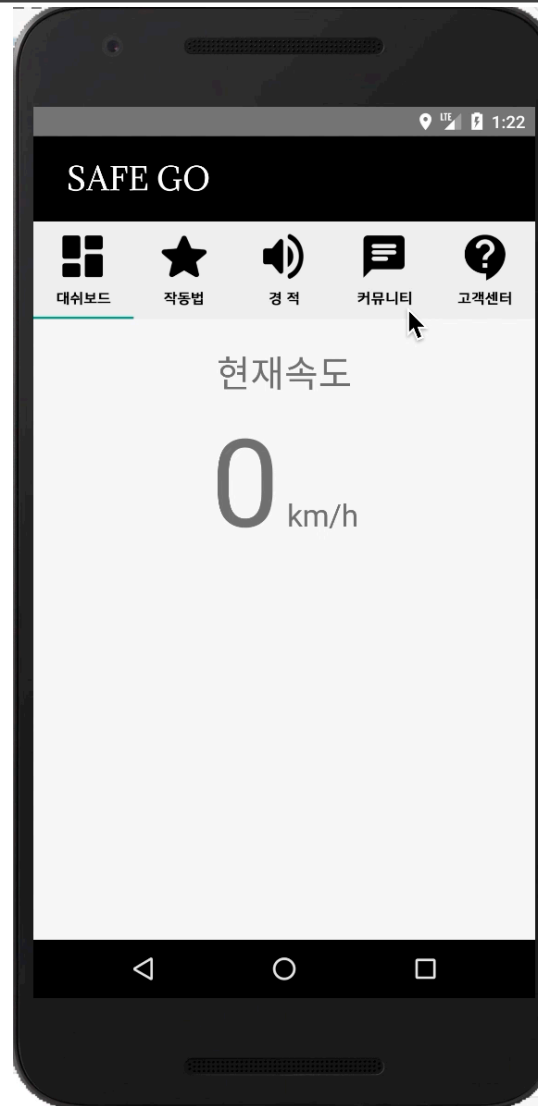
어플



개발 상황 및 중간 시연



일박이한 (박윤지, 한윤석, 한승규)



서버

게시글 쓰기, 보기, 댓글 기능 서버 구현

어플

서버와 연결, 게시글 쓰기, 보기, 댓글 기능 구현

SafeGo



일박이한 (박윤지, 한윤석, 한승규)

감사합니다