

Building ToDo app Exception Handling

Adding a exception handling capability

Try with

```
throw new RuntimeException("Something went wrong");
```

```
@RequestMapping(value = "/delete-todo", method = RequestMethod.GET)
public String deleteTodo(@RequestParam int id) {
    if (id == 1) {
        throw new RuntimeException("Something went wrong");
    }
    todoService.deleteTodo(id);
    return "redirect:/list-todos";
}
```

When you delete a record with id = 1, it throws white label error page with error message and 404 status

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

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There was an unexpected error (type=Internal Server Error, status=500).

Something went wrong

java.lang.RuntimeException: Something went wrong

Managing exception now

```
@Controller("error")
```

```
public class ErrorController {
```

```
    @ExceptionHandler(RuntimeException.class)
    public ModelAndView handleException(HttpServletRequest
httpServletRequest, Exception ex) {
        ModelAndView mv = new ModelAndView();
        mv.addObject("exception", ex.getLocalizedMessage());
        mv.addObject("url", httpServletRequest.getRequestURL());
        mv.setViewName("error");
        return mv;
    }
}
```

Create a error.jsp

```
<%@ include file = "common/header.jspf"%>
```

```
<%@ include file = "common/navigation.jspf"%>
```

```
<div class = "container">
```

```
    An exception occurred! Please contact support
```

```
</div>
```

```
<%@ include file = "common/footer.jspf"%>
```

Now it shows error in a proper jsp page