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| Individual report **Directions** **To design and develop a puzzle of KLOTSKI based on mobile development technologies.**  KLOTSKI    **The goal is to move the big red square tile down to the exit position.**  **You can read more about this great puzzle on Wikipedia (**[**https://en.wikipedia.org/wiki/Klotski**](https://en.wikipedia.org/wiki/Klotski)**)** | |  | | --- | | **full Name:****Student ID:** |  Executive Summary**REPORT NAME:**  **Features summary**  INSTRUCTIONS: Briefly summarize the main features and the unique/special things about your app.  **Solution summary**  INSTRUCTIONS: Briefly summarize the tools and technologies used in your app. |

### Screenshots and scenarios

|  |  |  |
| --- | --- | --- |
| Scene 1 | Scene 2 | Scene 3 |
|  |  |  |
| Description: | Description: | Description: |

|  |  |  |
| --- | --- | --- |
| Scene 4 | Scene 5 | Scene 6 |
|  |  |  |
| Description: | Description: | Description: |

### Technologies specification

**Frontend Design and Implementation**

INSTRUCTIONS: Provide additional detail about the **frontend** design and implementation in your app which should include:

* UI (User Interface)
* UE (User Experience)
* IxD (Interaction Design)

**Backend Design and Implementation**

INSTRUCTIONS: Provide additional detail about the **backend** design and implementation in your app which should include:

* Design Strategy
* Service Architecture
* Logical Algorithm
* Data Storage

### Operations specification

INSTRUCTIONS: Describe any important software, hardware, or other information technology that you have used to operate your app. That might include a register solution for managing your users, an achievement system to attract attention, a notification and feedback service for optimizing your app, a payment service for profit, and so on.

### extensions

**App Distribution**

INSTRUCTIONS: The app is supposed to be an installable and usable mobile app including necessary interaction with its backend service. Provide the following URL:

- The source code URL: it may be github.com link, coding.net link, or other available link.

- The released app URL: it may be Android online store link, Apple online store link, or other available link.

- The app operation video (<1 minute) URL: it may be .mp4, .mov, or other available video format.

**Conclusion and Expectations**

INSTRUCTIONS: Summarize your project and give future expectations about yourself and this course.

### appendix

**Note:**

1. This report should be a Microsoft Word or PDF document **no more than 12 pages**.

2. Each student should submit an individual report to **18720429@qq.com** named “**studentID-Name.doc/.pdf**”**.**

3. If your app has been published online, it will be appreciated and may get higher rank.