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**FPT UNIVERSITY**

**Taxi Caller Application on Windows Phone**

**F\_Taxi**

**Report #4 – Software Design Specification**

|  |  |
| --- | --- |
| F\_Taxi | |
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# ARCHITECTURE DESIGN

## Choice of Architecture Design

<Description about AD decision and Why choose the technology and design architecture?>

## Architectural Presentation

<Khái quát về kiến trúc của hệ thống>

## Component/Package Design

<Khái quát kiến trúc của hệ thống dưới góc nhìn về component - các thành phần biểu diễn bằng UML >

# DETAILED DESIGN

## Common Design

<Phần mô tả thiết kế cho các thành phần chung của tất cả các chức năng>

## <UC xx- Use case name>

### Class Diagram

<Sơ đồ quan hệ giữa các lớp của chức năng>

### Class Description

<Phần mô tả chi tiết các lớp của chức năng>

#### <Class Name>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Class | <Class Name> | | | |
| **Description** |  | | | |
| **Base Class** |  | | | |
| **Constructor** |  | | | |
| **Prototype** |  | | | |
| **Source File** |  | | | |
| **Namespace** |  | | | |
| **Attributes** | Name | Type | Description | |
|  |  |  | |
|  |  |  | |
|  |  |  | |
|  |  |  | |
| **Methods** | Name | Input | Output | Description |
|  |  |  |  |
|  |  |  |  |

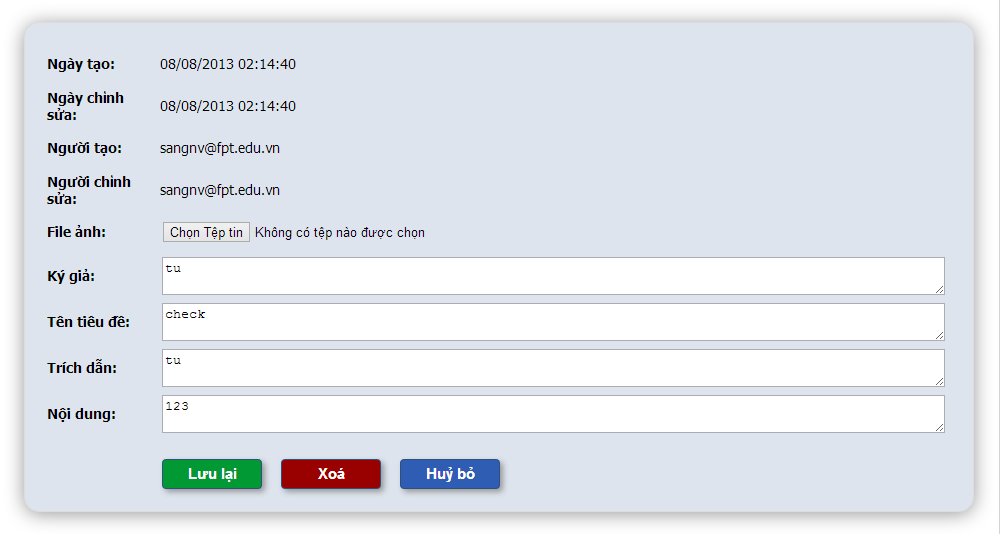
#### <Class Name>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Class | <Class Name> | | | |
| **Description** |  | | | |
| **Base Class** |  | | | |
| **Constructor** |  | | | |
| **Prototype** |  | | | |
| **Source File** |  | | | |
| **Namespace** |  | | | |
| **Attributes** | Name | Type | Description | |
|  |  |  | |
|  |  |  | |
|  |  |  | |
|  |  |  | |
| **Methods** | Name | Input | Output | Description |
|  |  |  |  |
|  |  |  |  |

......

### Screen Design

<Screen Layout - Manage news- Delete news >



<Screen Definition>

**Table 4-x:** Manage news- Delete news

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Object/Control Name** | **Object/Control Name in English** | **Type** | **Required** | **Length** | **Description** |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |

### Sequence Diagram

#### <Use-case ID - Use case name>

...

#### <Use-case ID - Use case name>

................

# DATABASE DESIGN

## Entity Relationship Diagram

## Database Diagram

## Table Descriptions

### Table xxx

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Attribute | Type | Constraints | Description |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

### Table xxx

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Attribute | Type | Constraints | Description |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| 11 |  |  |  |  |
| 12 |  |  |  |  |
| 13 |  |  |  |  |
| 14 |  |  |  |  |
| 15 |  |  |  |  |