Android Development project

« RDV Manager »

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Description :

« RDV Manager » is an application that manages our RDVs from the creation to the realization.
A RDV is characterized by :
1. A unique identifier (integer, auto-incremented)
2. A title or description
3. A date
4. A time
5. A contact or person
6. An address (optional)
7. A phone number (optional)
8. A state (boolean variable, RDV done or not yet)

To persist data, the application uses a sqlite database.

Fonctionalities :

The application allows the user to :
- Add a new RDV
- List the programmed RDVs
- Modify a RDV by selecting an element in the list of RDVs
- Delete a RDV

To enter a RDV, the user should be able to :
- Access (optionally) the contact list of the device
- Add a location or an address
- Select the date from a DatePicker and the time from a TimePicker

For a displayed RDV, the user should be able to :
- Modify the content
- Open the address with Google Maps
- Call the phone number
- Share the content

The application should notify the user 1day, 2 days or 1 week before the RDV (according to a user preferences). The user should also be able to change the colors used in the application (according to user prenferences also)

Finally, the application runs on smartphone, in french or english, in normal and landscape modes.

- If it is in normal mode, the RDV details are displayed in seperate activity
- If it is in landscape mode, the rdv list and the RDV details are in the same activity

Organization and submission:

- You should work in pairs
- A submission should contain one single zipped file that includes :

    1. A report (pdf file) that describes your work : the difficulties, the challenges, functionalities that you succeed and those you didn't. Put screenhots for all activities)
    2. The source code (Android project)

- You can submit your work on blackboard
- The deadline is Thursday 08/04 at 7h00 in the morning. Late reports are penalized.
- The last TP session will be for project demo presentations. Each team will have between 3 and 5 minutes to present his application.