



Technische Universität München  
Fakultät für Informatik  
Software Engineering for Business Applications - Master  
SS 2015

## **Business Model for the Web Application *Travel Diary***

Supervisor:

Prof. Dr. Florian Matthes  
Software Engineering for Business Applications - Master  
Fakultät für Informatik  
Technische Universität München  
Arcisstraße 11, 80333 München

Authors:

Mantosh Kumar, Ulrike Niemann, Albert Steckermeier

Date: 3. July 2015

**Contents**

<b>1. Use Case 1: Searching for Vacations</b>	<b>3</b>
<b>2. Use Case 2: Sharing the Experience of an Activity</b>	<b>3</b>
<b>3. Use Case 3: Sharing the Experience of a Vacation</b>	<b>3</b>
<b>4. Use Case 4: Planning a Vacation</b>	<b>3</b>

### 1. Use Case 1: Searching for Vacations

Users can search for vacations in *Travel Diary* using keywords. The website uses a search input in the navigation part at the top of the page. Only keywords can be selected. Keywords can be added by starting to type into the search bar and selecting one of the keywords provided by the auto-completion of the search input. Furthermore the user is provided with some inspiration for possible keywords below the search bar. The keywords below the search bar can be added by clicking on the keyword chips. They will then be added to the current selection of keywords in the search bar at the top of the page. Keywords can be removed by clicking the keyword chip in the search bar. Figure Fig. 1 shows a possible search state. Furthermore below the search bar there is a tab which can be used to specify a budget limit. It includes a slider as well as an input field for the budget. Figure Fig. 2 shows the budget tab for the search.

### 2. Use Case 2: Sharing the Experience of an Activity

Users share their experience by writing a review for the activity. For that purpose the activity details view has a *My Review* button in the top right corner. There the user can manage his review for that activity. A dropdown menu offers the option to add a review or edit/delete it if the user has already written one. Adding or editing a review shows a dialog with a form for the title, description and rating of the review. The form validates that the title and description is not empty. Furthermore it requires the user to provide a rating. Figure Fig. 3 shows the dialog with the activity details view in the background.

### 3. Use Case 3: Sharing the Experience of a Vacation

Sharing the experience of a vacation works analogously to use case 2. The user provides a review as well. The vacation details page also has an *My Review* button to add, edit or delete the users review. Figure Fig. 4 shows the dialog with the vacation details view in the background.

### 4. Use Case 4: Planning a Vacation

Planning a Vacation should support the user in creating his dream vacation. First of all, the user has the opportunity to search for vacations that match his preferences by selecting fitting keywords and getting inspiration from other users. When the user finds a promising vacation, he can simply copy the vacation and modify it as he likes. For instance, he can search for and plan the Activities he wants to attend during the vacation. Furthermore, the user can plan his Budget for the journey and book flights or an accommodation via affiliates. During the vacation or after the user returns home, he can add pictures and descriptions of his experiences and impressions and share this with the travel diary community. Figures Fig. 5 and Fig. 6 show the vacation details view. The edit view of a vacation is depicted in figures Fig. 7 and Fig. 8.

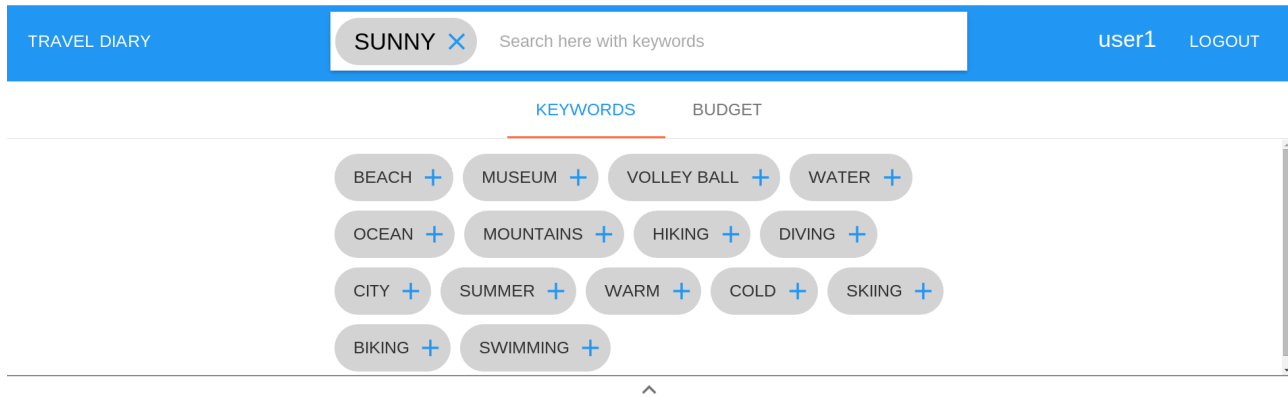


Fig. 1: Search of vacations with keywords.

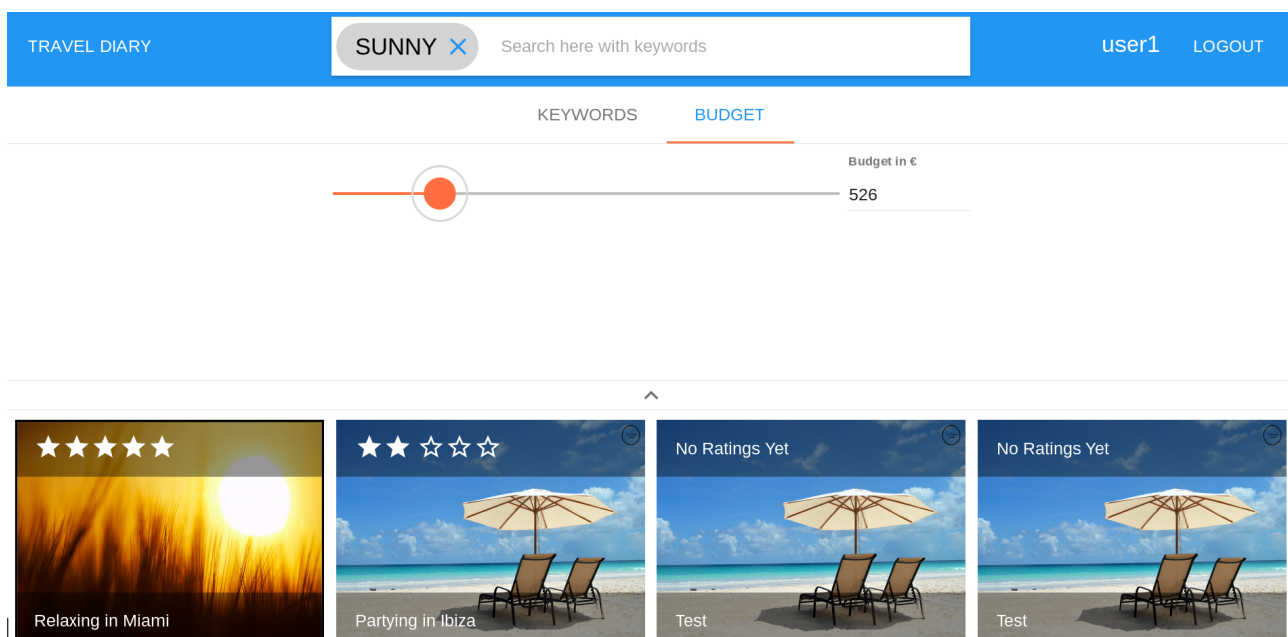


Fig. 2: Budget option for vacation search.

The screenshot shows a modal dialog titled "Write your Review" with an orange header. The dialog contains three text input fields: "Title" (with a red error message "Title is required."), "Your Opinion" (with placeholder text "My opinion is that ..."), and a star rating dropdown menu currently set to "Five Stars". At the bottom of the dialog are "SUBMIT" and "CANCEL" buttons. Below the dialog, the "Keywords" section shows five tags: "BEACH", "SUNNY", "VOLLEY BALL", "WATER", and "OCEAN". The "Reviews (3)" section is partially visible at the bottom.

Fig. 3: Dialog for adding a review to an activity.

The screenshot shows the same "Write your Review" dialog, but in the context of a vacation. The background interface includes a top navigation bar with "TRAVEL DIARY", a search bar, and "LOGIN" / "REGISTER" links. Below this is a sub-navigation bar with "OVERVIEW", "KEYWORDS", "ACTIVITIES", and "REVIEWS", with "OVERVIEW" selected. A "MY REVIEW" link with a star icon is also present. The dialog itself is identical to Fig. 3, but the "Title" field now contains the placeholder text "This is a title" and the star rating dropdown is set to "Two Stars". The "Keywords" section below the dialog shows the same five tags: "BEACH", "SUNNY", "VOLLEY BALL", "WATER", and "OCEAN".

Fig. 4: Dialog for adding a review to a vacation.

TRAVEL DIARY
Search here with keyword:
user1
LOGOUT

OVERVIEW
KEYWORDS
ACTIVITIES
REVIEWS
COPY
MY REVIEW


### Weekend in the Alps

by worldtraveller

★★★★☆

03.07.2015 to 05.07.2015

#### Overview



#### Description

We spent some lovely days in the mountains. Weather was really good and we had fun doing some hiking.

#### Budget

<b>Overall</b>	<b>\$40.40</b>
Vacation (Hotel, Flight etc.)	\$2.50
<b>Activities</b>	
Hiking	\$0.00
Doing a guided adventure tour	\$25.00
Visiting a famous alp	\$12.90

Fig. 5: Details view of a vacation.

OVERVIEW
KEYWORDS
ACTIVITIES
REVIEWS
COPY
MY REVIEW

#### Keywords

MOUNTAINS SUNNY HIKING ALPS ADVENTURE

#### Activities

No Images available

No Images available

No Images available

**Hiking**  
Activity description 1 07:01 to 07:01

**Doing a guided adventure tour**  
Activity description 2 07:01 to 07:01

**Visiting a famous alp**  
Activity description 4 07:01 to 07:01

#### Reviews (1)

★★★★☆

Not my cup of tea :(

by worldtraveller

review description13

Fig. 6: Activities and Reviews part of the vacation details view.

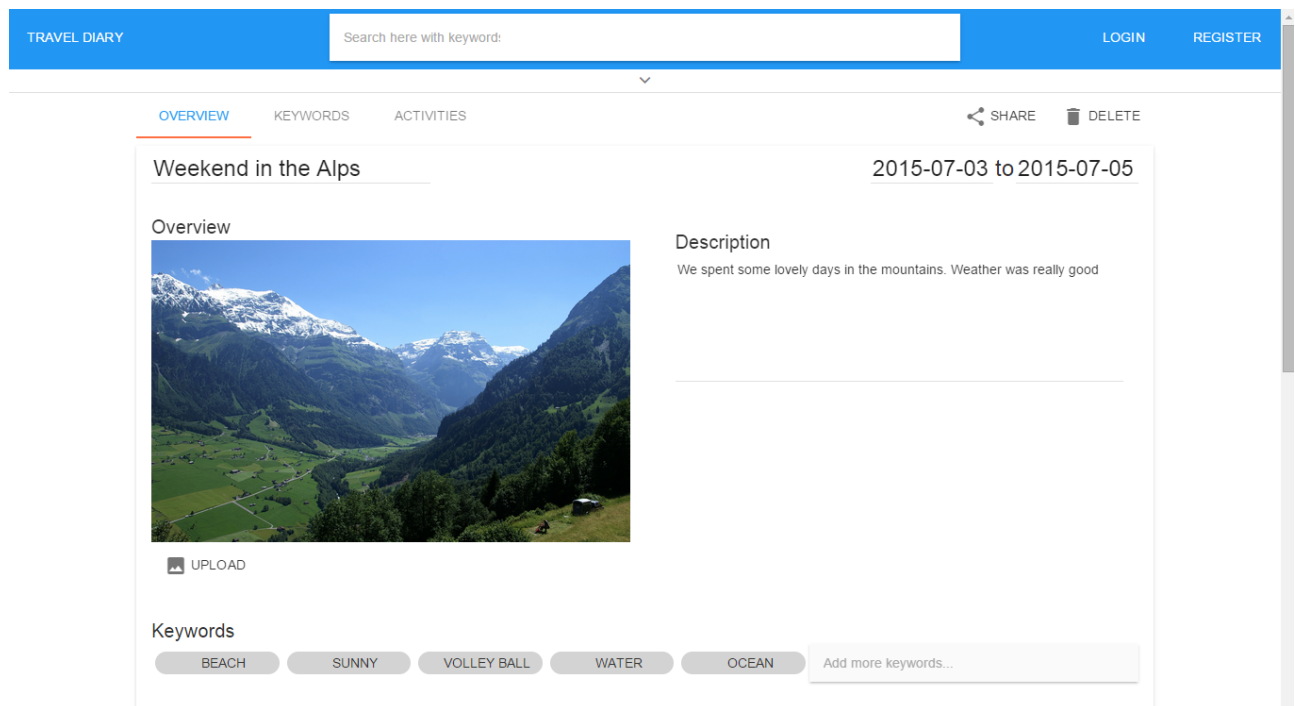


Fig. 7: Top part of the edit view for vacations.

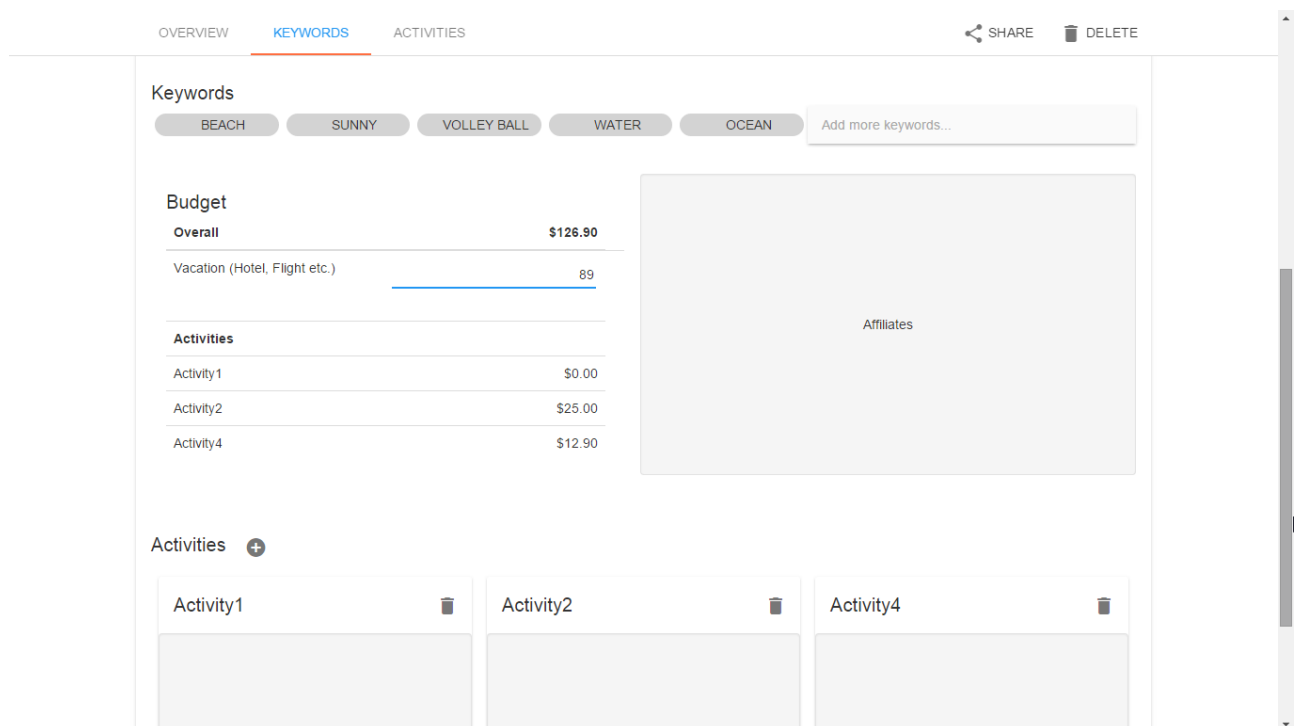


Fig. 8: Bottom part of the edit view for vacations.