**3**

**Draft Overview**

**About Scubaversity**Scubaversity or SV is a 5 star diving institution that is based in Roodepoort on Chestnut road. It is a small community that is part of Professional Association of Diving Instructors (PADI). They have been forming new divers for 23 years now and they are very well established in South Africa. There are several programs and course on offer which can be divided into 2 main groups. Firstly, an internship program, where they take in fresh high school graduates and form them into PADI professionals. Secondly they deal with the general public that are interested in diving or engaging in any form of scuba activity, for example free diving.  
The community is definitely one with great social diversity where everyone can join together over a common sport.

**Problem**

Upon interacting with the Scubaversity (SV) management, they voiced out their concern for a better communication platform for the membership system which they have in place at present. It was added that they wanted a way to implement the below mentioned features (These points need to be re-verified by SV):

* A way to keep members informed and manage membership.
* A way to keep the qualifying information about a diver and aid in their progression (if a course a member needs is coming up they are notified by the application).
* Trip information and details provided.
* Sales and special promotion information broadcasted easily.
* Social activities update given out.

Please note this information is only core ideas that will be expanded during the course of the project creation.

**Proposed solution**

Our proposed solution for the above issues is the creation of a mobile application for SV. We feel that since they already have a web site online the best next step to take is to give the users easier access to the system through handheld devices. We feel that with the convenience of a mobile device, there is an assurance that upon broadcasting, the information has a higher probability of being read as compared to other means like social media.  
The application will also monitor any member which needs a membership renewal by changing their status to “not active” (This is not the final idea, thinking more user friendly term) and inform them that they need to reactivate their account.

Furthermore, the diving qualification is stored directly onto the different accounts and also at SV’s central database. Despite the PADI (Professional Association of Diving Instructors) application having a similar feature, this will allow SV to have a more personal engagement in the divers’ education.  
Example: A diver that has just completed an OWD (Open Water Diver) course, can be notified with more convenience about the next AOWD (Advanced Open Water Diver) course and if there is any promotion available to the new diver.

Diver and non-diver members can be kept updated without the need to view the website. As the day approaches more information can be broadcasted. Hence any change or alternatives are known by all members.

In the event that SV has any promotion or sales on equipment or even courses available, the user would be made aware. Note: that it is unclear yet if we are to upload pictures with the notification or if we are going to use URLs to display the image through browser or other means.

Similarly to the above mentioned proposed solution the social event update will be to keep all members up to date on any event that will occur. Giving them an option to set their social intent to “Attending” “Maybe next time ;)” “Thinking about it”. Note: this is also just a proposed idea and might not be part of the final application but might be similar.

Please note: That some of the opinion expressed in the above paragraph in **About Scubaversity** might not be shared by everyone but it is to give an understanding of the organization in question.