Easkey Surf School

Hank Flavin is a former USA junior surf champion. Following a visit to Ireland in 2015 Hank fell for the waves of the coast of Sligo. Hank returned to Ireland in 2016 where he established the Easkey Surf School. Easkey Surf School has expanded significantly in recent years. While the school caters for all grades of surfers, it is Hanks significant experience as a championship surfer which is attracting students. Hank has been quoted as saying “The increased interest in surfing in Ireland, coupled with an unbelievable coast line provides huge commercial opportunities along the Atlantic Way.”

In the early years Hank was a one man operation, running the hostel and providing the surf lessons. As the business expanded Hank employed additional staff both for the provision of lessons and providing accommodation. Hank’s experience has a championship surf instructor has become well known. Following the 2015 summer season Hank has decided to redesign the surf school offerings. He proposes to offer the following surf packages:

* Novice – 6 students to 1 teacher, 2 hour sessions
* Intermediate – 3 students to 1 teacher, 3 hour sessions
* Advanced – Individual student teacher sessions
* Daily package that includes overnight accommodation.

Students have the option of purchasing a “Surf and Stay” package which entitles the student to a 15% discount on surf lessons. The daily package is available to all surfer levels.

Initially, the surf school management system will be used by two main groups: customers and staff. The requirements for each of these groups are summarized here.

* A customer can browse packages available on the website. Once a **customer** is registered in the system the customer will have the facility to directly book surf lessons over the Internet. For the daily package, the customer will be prompted to book accommodation. The customer will pay for the packages using the Paypal online payment.
* The **staff** are responsible for providing and administering surf lessons. The safety of students in paramount and the system should provide detailed student lists, student lesson check in/out etc.
* **The Staff** are also responsible for the administration of accommodation.
* They will have access to all areas of the system, and will be permitted to change bills, orders, totals, and charges.

Because there are a number of roles (initially two) for users of the system; this system will need security, i.e. only the staff are allowed access to the functions required for managing the packages, bookings, etc. You may assume that there is enough accommodation capacity. The system must be easy to use for both customers and personal trainers. The user interface must be intuitive to navigate, provide unambiguous results messages and have a consistent layout throughout. It is not required that the system be compatible with any legacy system.