Brief Requirements Specification: Online Education Portal

Background: I own an expanding UK-based company which provides online English teaching services to companies and individuals in Russia.

Objective: To hire and properly monitor a team of English teachers in the UK, ensure student/teacher loyalty and cope with an expanding client base.

Maximum Load: 20 teachers, 200 students, 10 classes conducted simultaneously.

Current website: www.englishinrussia.ru

Site concept: Online education portal for Russian learners of English.

Competitors: http://www.englishdom.com, http://www.english-natali.ru

Features to be added:

1) **Stand-alone server software** in addition to the existing webserver.
   - Platform is subject to discussion
   - Its URL can be different from main website
   - Russian language support is a must
   - Database
2) **On-site web-conferencing system** similar to Skype, but simpler. This is an essential element of the site to guarantee control of the teaching process and to maintain teacher/student loyalty.
   - Ability to save information about classes: teacher, student, topic, start/end date and time, mark, comment
   - Two-way video stream
   - Quality audio
   - Text chat
   - Screen share
   - Whiteboard functionality
   - Option of recording lessons
3) **Back office for registered students.**
   - Login
   - Real-time updated student timetables
   - Teacher availability timetables
   - Payment system
   - Lesson booking and links to payment system
   - Teacher profiles with samples from lessons (embedded video, audio)
   - Internal messaging system for sending homework and questions/answers between students and teachers with the option of attaching files.
4) **Payment system.** Payment for lessons and courses online (similar to this: http://www.englishdom.com/en/cost).
5) **Online test functionality.** Interactive exercises in the form of multiple choice questions (similar to this: http://cliomsk.com/on-line-test). This should be created as a customisable template, which can be used to create other interactive exercises by study topic.
6) **Reports.**
   - Ability to monitor who is currently online, who is in the virtual classrooms.
   - Recorded lessons with start date/time and duration

- Payments list within a selected period, teacher or student.
- Teacher workload statistics for every teacher
- Report on student: classes with marks
- Online test results.
- Message logs.
- System log.

7) **Configuration.**
- User page
- Student profiles
- Teacher profiles
- Online test templates
- Hourly rates for every teacher