vers all the above functionality of the work planning subsystem, from news notification to user registration.

Y.M. Khamiakou (Francisk Skorina Gomel State University, Gomel)
Scientific adviser **V.D. Liauchuk**, Ph.D. in technics, associate professor

DEVELOPMENT OF WORK PLANNING SUBSYSTEM IN THE ONLINE BOOKMAKER PLATFORM

Online bookmakers are representations of real bookmakers on the Internet. Such organizations are engaged in financial activities, namely, they accept cash bets and pay winnings for various sporting events, as well as bets on television, political, and cultural events. Sports betting has very deep roots, however, with the widespread adoption of the Internet, bookmakers began to move there. The Internet makes it easy to make predictions and simplifies betting.

One of the most important part in creating online bookmaking system is to choose correct e-commerce platform. There are lots of such platforms as for example Magento or OpenCart, but one of the is SAP Hybris. It has special features which make this platform better than other ones, especially such feature as extensibility. You can build as much modules over your system based on this platform as you want. SAP Hybris provides solutions that help any organization to cut cost, save time, reduce complexity and require lesser focus to achieve excellent customer experience. Their solutions help companies drive relevant, contextual experiences across all customer touchpoints and channels – in real-time. This means you can use customer context to personalize each interaction and deliver consistent, great experiences.

Key features to implement during developing of work planning subsystem in the online bookmaker platform are: registration notification system; news notification system; loading personal user settings; notification system for coming events; statistics gathering and cleaning; notification system for competition updating; workflow implementation for newest users registration; workflow implementation for newest users registration refusing.

All these features include next use cases: newest users registration; statistics gathering; statistics cleaning; competitions update; coming events notification; personal settings loading; news notification.

Bookmaking platform has its own data model. With such models as: Player, Match, Competition, Command and so on. Data importing is effected by Impex functionality. The ImpEx engine allows creating, updating, removing and exporting platform items such as customer, product or order data to and from comma-separated value (CSV) data files, both during run time and during the initialization or update process.

Main software development tool is IntelliJ IDEA. IDEA is a Java IDE and as SAP Hybris is based on Java, exactly IDEA is better for bookmaking platform. Also, IDEA have special Hybris plugin that make it easier to implement Hybris functionality.

U.U. Kleshchanka (Francisk Skorina Gomel State University, Gomel)
Scientific adviser **V.D. Liauchuk**, Ph.D. in technics, associate professor

USE CASES OF A VIDEO-SERVICE APPLICATION

The development subject is the application for iOS platform with the of iPhone and iPad devices. It enables users to watch Live TV, Video on Demand (VOD) contend such as movies and serials, and Web Video.

There are some alternative solutions on the market. For example: Netflix, Megogo, YouTube. They all have their own advantages and disadvantages. Let's summarize this review by creating a table with the most relevant traits. They represented in table 1.

Table 1 – Media provider applications comparison

	Netflix	Megogo	YouTube	Developed project
Live TV + EPG	No	Yes	No	Yes
"On Demand" content	Yes	Yes	No	Yes
Web video	No	No	Yes	Yes
Fast-responsive application	Yes	Yes	No	Yes
Serial's seasons grouping	Yes	No	No	Yes
Parental control	Yes	Yes	No	Yes
HIG conformance	No	Yes	Yes	Yes

As we can see, our project can satisfy all requirements.