

Back-end development

Required efforts to cover the agreed scope of back-end development tasks for the MVP are presented in the table below:

WBS	Role	FTE	Tasks	Efforts, h
2.3	Senior Back-End Developer	1	<i>MVP development</i>	
2.3.1			Payment functionality	12 h
2.3.2			User registration and access control	6 h
2.3.3			App navigation menu	4 h
2.3.4			Exception handling	2 h
2.3.5			Event and action logging	4 h
2.3.6			App localization	2 h
			Communication efforts, h	30 h x 0.25*
			Contingency efforts, h	30 h x 0.2**
			Total efforts	43.5 h

***Focus factor.** A correction coefficient to account for the time spent on Agile ceremonies like sprint planning, daily calls, retro sessions, etc.

****Risk factor.** A correction coefficient to account for the time needed to address unforeseen risks like workflow interruption or scope changes.

The expected cost of the back-end developer's efforts is presented in the table below:

Role	FTE	Total efforts	Rate, \$/hr	Associated cost, \$
Senior Back-End Developer	1	43.5 h	\$XX	\$X,000

The estimate of **\$X,000** is given only for the agreed task scope and can change if additional requirements arise or the scope of work changes.