

## CarePlus Group Project: Deliverable 06

For the development of a medical software application, it is necessary to have the following roles, which will ensure the smooth operation of the project and the desired result:

- Senior Project Manager: Oversees the entire project, responsible for planning, scheduling, and ensuring the project stays on track.
- Project Management Office: Assists the project manager in day-to-day coordination and communication.
- Business Analysts: Gathering, analyzing, and documenting requirements, ensuring alignment between business needs and the proposed software solution. Also, responsible for the training of doctors and patients going to the new software.
- Software Architect: Design the overall system architecture and ensure it meets the scalability and security requirements.
- Senior Developers: Responsible for coding and implementing the software application based on the specified requirements. Lead the design and implementation of complex features, mentor junior team members, and contribute to architectural decisions.
- Junior Developers: Responsible for coding and implementing the software application based on the specified requirements. Focus on implementing features, learning from senior team members, and gradually gaining expertise in coding practices and project workflows.
- UX Designer: Concentrate on the overall user experience, including user flow, information architecture, and usability.
- Testers: Conduct thorough testing of the software to identify and resolve bugs and ensure the software meets quality standards.
- Data Migration Specialist: Plan and execute the migration of data from the old application to the new one. Ensure data integrity and consistency.
- Security Experts: Ensure the software complies with all relevant healthcare data security and privacy regulations.

After researching and comparing several jobs on Glassdoor, the average US salaries of each role were calculated. In addition, based on the difficulty and the demandingness of the project, the number of people who will make up each role was chosen.

PROJECT ROLES	QUANTITY	AVERAGE SALARY (\$/yr)	AVERAGE SALARY (\$/hr)
Senior Project Manager	1	150,000	100
Junior Assistant Project Manager (PMO)	1	70,000	40
Business Analysts	3	100,000	70
Software Architects	1	170,000	120
UX Designers	3	100,000	100
Junior Developers	3	90,000	50
Senior Developers	3	150,000	100
Testers	3	80,000	50
Data Migration Specialists	2	90,000	80
Security Experts	1	150,000	120

All data was entered into the Project Libre and based on the schedule chosen earlier, the cost of each role was estimated, as well as its total working hours.

PROJECT ROLES	TIME ESTIMATION (HRS)	TOTAL COST ESTIMATION (€)
Senior Project Manager	2,580.91	132,581.00
Junior Assistant Project Manager (PMO)	2,110.14	50,585.00
Business Analysts	2,596.44	88,918.00
Software Architects	169.93	9,893.00
UX Designers	179.98	6,164.00
Junior Developers	2,285.10	70,431.00
Senior Developers	2,877.82	147,834.00
Testers	1,168.60	31,277.00
Data Migration Specialists	319.08	4,371.00
Security Experts	269.23	13,830.00
<b>TOTAL</b>	<b>14,557.23</b>	<b>555,884.00</b>