

TITLE

INTRODUCTION

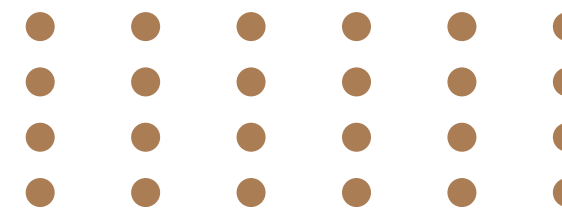
**PURPOSE AND
DESCRIPTION**

**OBJECTIVE OF
THE STUDY**

**SCOPE AND
LIMITATION**

**SIGNIFICANCE OF
THE STUDY**

OJT MANAGEMENT AND RECORD SYSTEM FOR TCGC





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INTRODUCTION



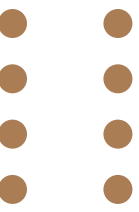
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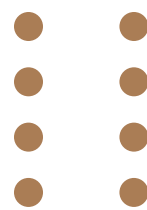
The effective management of on-the-job training (OJT) programs is important for developing students' practical abilities and preparing them for their chosen fields. However, the effective management of intern profiles and requirement submission in an OJT program can be challenging due to manual profile management, and inefficient submission of requirements via traditional paper-based forms can be a hindrance to the smooth operation of OJT programs. According to Culabao et al. (2019), the lack of a centralized system and the use of manual, paper-based forms for requirement submission in OJT programs can lead to inconsistencies, errors, lost documents, missed deadlines, and delays in evaluating interns' requirements. In Tangub City Global College, the OJT Placement and Alumni Affairs Office faces challenges in managing intern profiles and requirements. To address this, researchers proposed an "OJT Management and Record System for TCGC" using web-based technology. This system, the OJT Management and Record System for TCGC, aimed to help the OJT Placement and Alumni Affairs Office digitalize data entry and the requirement submission process using web-based technology. It also serves as a centralized intern record to make the intern profile available for viewing at any given time to OJT coordinators.



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The purpose of developing the OJT management and record system for TCGC was to effectively address the challenges and opportunities associated with the institution's on-the-job training (OJT) program. By proposing and implementing an OJT management and record system for TCGC, aims to improve the efficiency of the OJT process, intern profile management, and simplify requirement submission procedures. This system, accessible through the web, is designed to provide a smooth experience for both interns and coordinators, addressing challenges related to manual data entry, time-intensive administrative tasks, and record accessibility.

The OJT Management and Record System for TCGC is a web-based online platform, focusing on the submission of requirements and maintaining a clear record of intern profiles. It operates on the web, facilitating students to effortlessly submit their OJT requirements online, while administrators can easily view and manage intern profiles. This web application is designed for ease of use, providing a practical solution for both students and administrators in the efficient submission and retrieval of OJT information.



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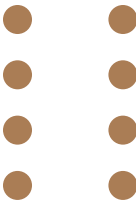
**OBJECTIVE OF
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This approved study aimed to develop an OJT Management and Record System with the following objectives;

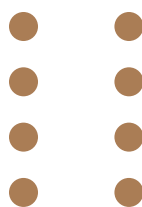
- To replace manual data entry into web based.
- To make the interns profile available for viewing at any given period to OJT coordinators and interns.
- To provide web base requirements submission.



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The scope of this study is defined by the development and implementation of an On-the-Job Training (OJT) Management and Record System tailored specifically for TCGC School. The study encompasses the following key aspects:

- The system is web-based and caters to three user roles: administrators, institute coordinators, and interns.
- Administrators can add and upload requirements, manage user accounts (interns, coordinators), validate intern requirements post-submission, and provide feedback on submitted requirements.
- Institute coordinators can add and manage profiles, approve intern registration, and upload required forms.
- Interns can register and edit profiles, download the requirements form upon approval, and submit requirements for checking and validation.
- The system operates exclusively online; offline functionalities are not within the current scope.
- The current scope of this study is limited to the features specified above, addition of new features is beyond the scope of this study.





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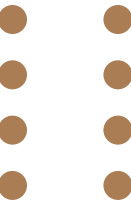
The success of this study will be relevant to the following individuals or groups:

OJT Administrator. The OJT Management and Record system replaces the old manual methods and paper-based forms with a web-based system, giving OJT administrators a centralized view of all intern profiles and managing the OJT program, such as handling requirements, user accounts, and validation.

Institute Coordinators. The OJT Management and Record system gives coordinators the tools they need to effectively manage intern profiles and approve registrations, ensuring that only qualified interns are accepted.

Interns. The OJT Management and Record system will provide an easy web-based platform that simplifies registration, profile editing, and requirement submission.

Tangub City Global College. The OJT Management and Record System will make a significant contribution to enhanced efficiency in the OJT program and will eventually increase the services offered by the institution.





CHAPTER 2



RELATED LITERATURE

-  Hasti, N., Lesari, S., & Gustiana, I. (2019, November). Web-Based Internship Information System. In IOP Conference Series: Materials Science and Engineering (Vol. 662, No. 2, p. 022090). IOP Publishing.
-  Mydyti, Hyrmet. (2020). Using Internship Management System to Improve the Relationship between Internship Seekers, Employers and Educational Institutions.
-  Attanayake, Priyangika & Thilanka, R.G.s. (2020). Design and implementation of web-based management system instead of manual process efficiently in ATI, Galle. International Journal of Scientific and Research Publications (IJSRP). 11. 174-180. 10.29322/IJSRP.11.01.2021.p10917.
-  Xia, Oudong & Ye, Jiaqi & Lin, Anqi & Chen, Yating & Guo, Wenjie & Fong, Tsz Hei & Qian, Ruolan & Luo, Peng & Zeng, Zhirong. (2019). The efficacy of the new medical internship management network system. Medicine. 98. e14 435. 10.1097/MD.00000000000014 435.
-  Smith, R., & Brown, T. (2018). Web-based intern profile management system for effective internship program management. International Journal of Information and Education Technology, 8(6), 439-443.





CHAPTER 2



RELATED STUDIES



Marco Jr, N., & Cruz, R. A. D. (2022). Internship Program Management Information System with Lean Management. International Journal of Information and Education Technology, 12(1).



Kadriu, A., & Mydyti, H. (2020). Using Internship Management System to Improve the Relationship between Internship Seekers, Employers and Educational Institutions. ENTRENOVA - ENTERprise REsearch InNOVation, 6(1), 97-104.



Uy, Ursola & Cabrera, Michelle & Pinero, Michael & Vizcarra, Conrado. (2023). Design and Implementation of Baggao North Central School Computer-Based Record Management System. 10.36948/ijfmr.2023.v05i02.1873.

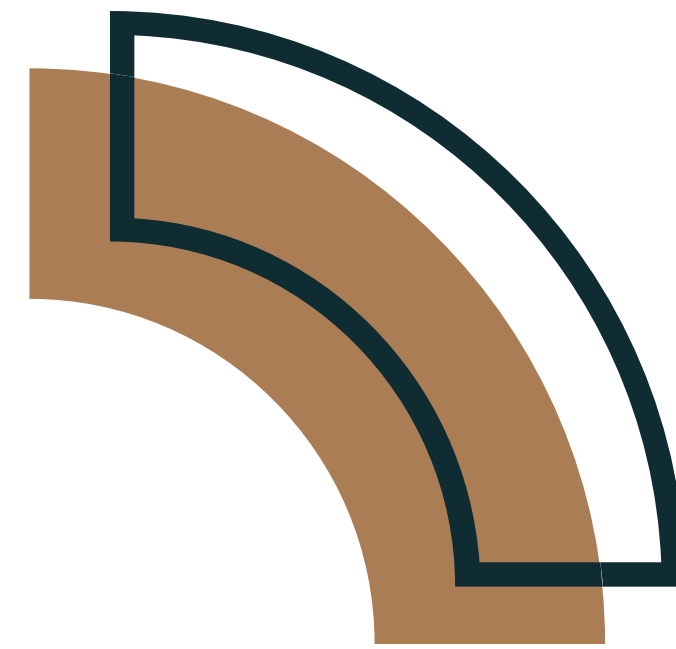
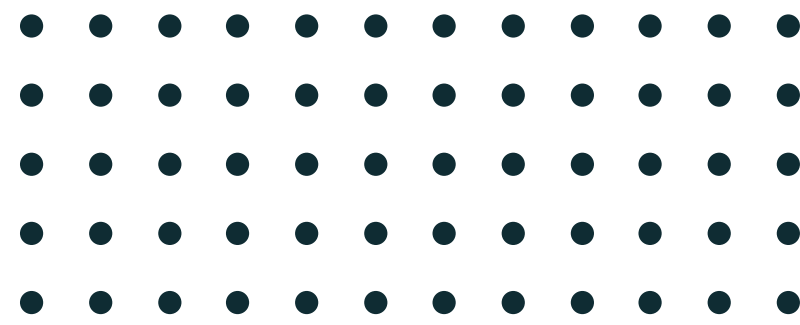


Phumeechanya, N. (2018). Development of Mobile Web Application with Online Map Services for Storing Student Teaching and Internship Information. Journal of Industrial Education, 17(1), 175-183.



Ibrahim, Alif Faisal & Musa, Norshazwanie & Jamaludin, Muhammad. (2018). Internship Application System (IAS) for University Students using Laravel. Journal of Computing Research and Innovation. 3. 12-18. 10.24191/jcrinn.v3i4.85.





CHAPTER 3

DESIGN AND METHODOLOGY



METHODOLOGY

RESEARCH SETTING

TECHNICAL
BACKGROUND

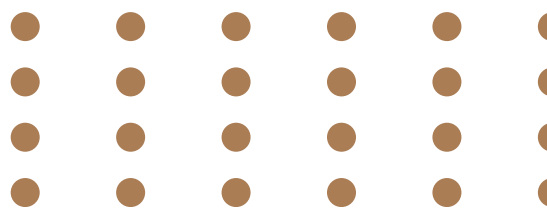
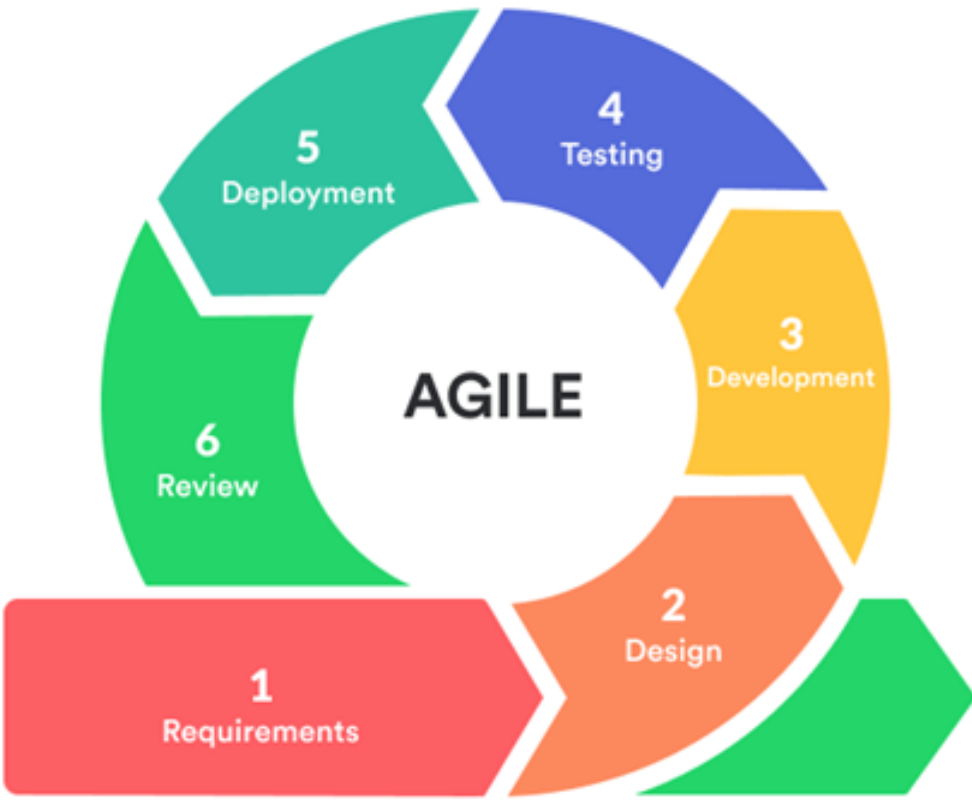
CONTEXT
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USE CASE
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The researcher observed that at Tangub City Global College, the OJT Placement and Alumni Affairs Office is using a manual approach to intern record-keeping and paper-based forms for submission of requirements and processes. To avoid major challenges leading to inefficiencies, inconsistencies, and delays in managing intern data and the lack of a centralized system that can result in lost documents, the proponents come up with the study OJT Management and Record System for TCGC, which will help OJT administrator, institute coordinators, and interns provide effective and efficient record keeping and requirements submission using web-based technology.

To put the study into reality, the proponents used the Iterative Agile Model of the Software Development Life Cycle models.



METHODOLOGY

RESEARCH SETTING

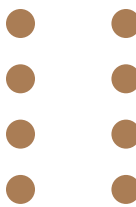
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The OJT Management and Record System for TCGC will be applied at Tangub City Global College formerly known as Gov. Alfonso D. Tan College, Maloro, Tangub City. A local college located in the city of Tangub City in the province of Misamis Occidental has approximately 6,000 students. The college was established in 1984.



METHODOLOGY

The proponents had gathered all relevant research and brainstormed on which technologies would be utilized.

RESEARCH SETTING

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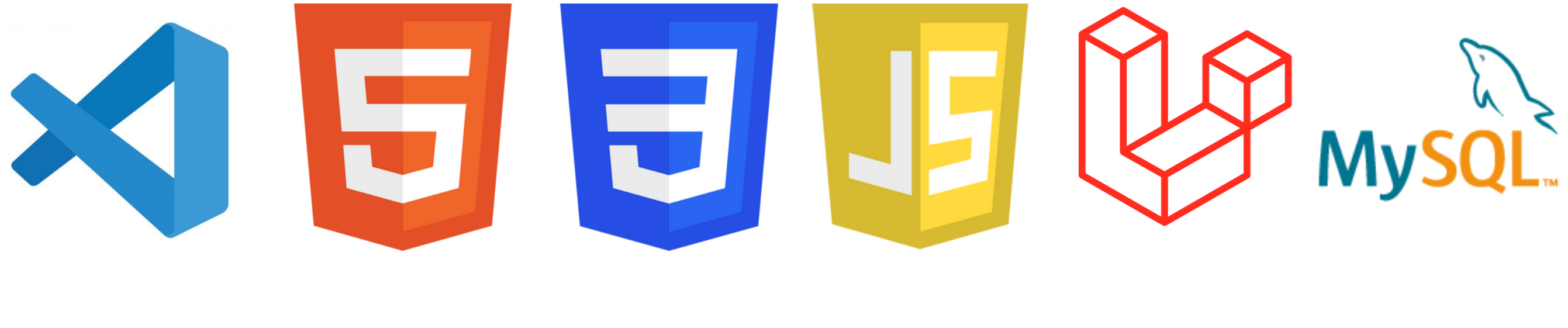


The OJT Management and Record System for TCGC is an online web-based system that records interns' profiles and online submissions of requirements. This system was developed using Visual Studio Code for the system text editor. The developer used the Laravel framework because it is a free and open-source PHP web framework that helps developers build modern web applications and websites. Hypertext Markup Language, Cascading Style Sheets, JavaScript, and the JavaScript Library are used to create web application frontend. The developers also used My Structured Query Language as the backend database because of its open-source relational database management system, which has a large capacity for storing and accessing data.

CONTEXT DIAGRAM

DIAGRAM 0 - 10 DFD

USE CASE DIAGRAM



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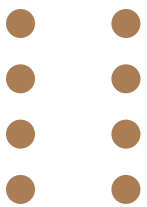
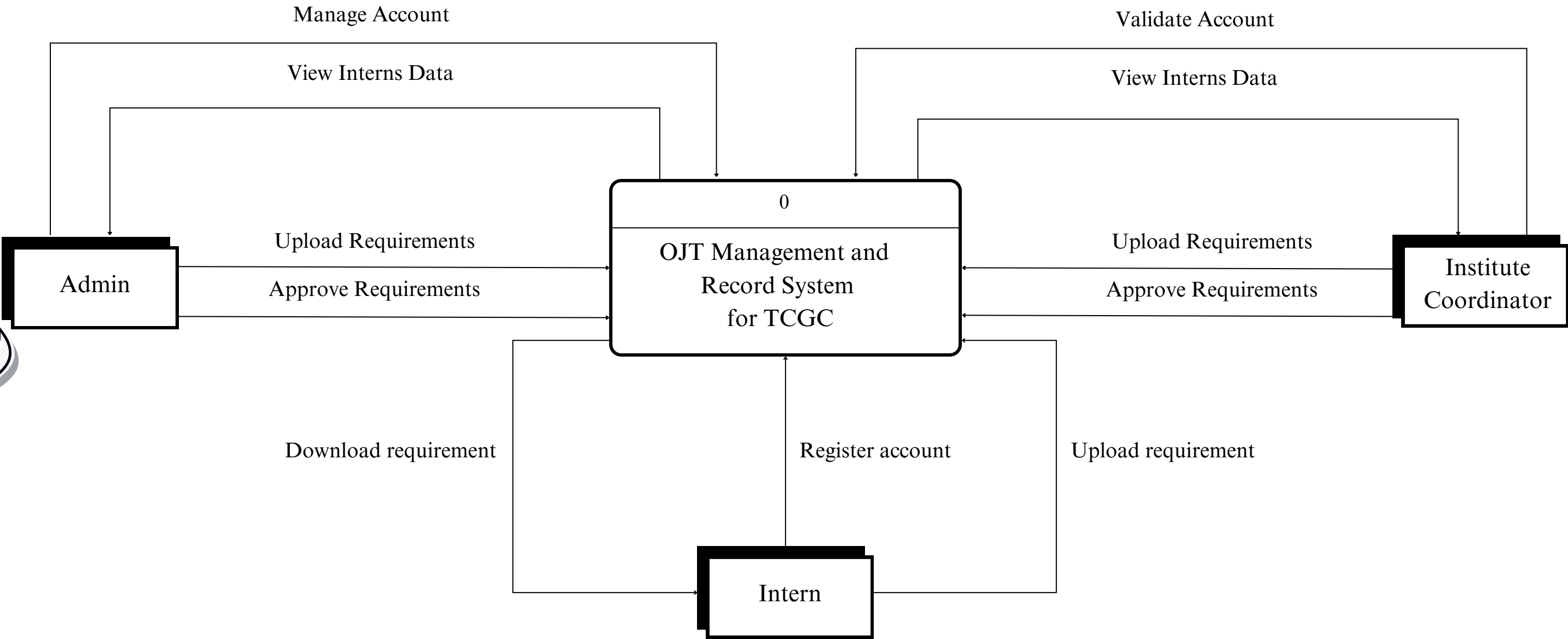
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CONTEXT DIAGRAM DFD FOR OJT MANAGEMENT AND
RECORD SYSTEM FOR TCGC



METHODOLOGY

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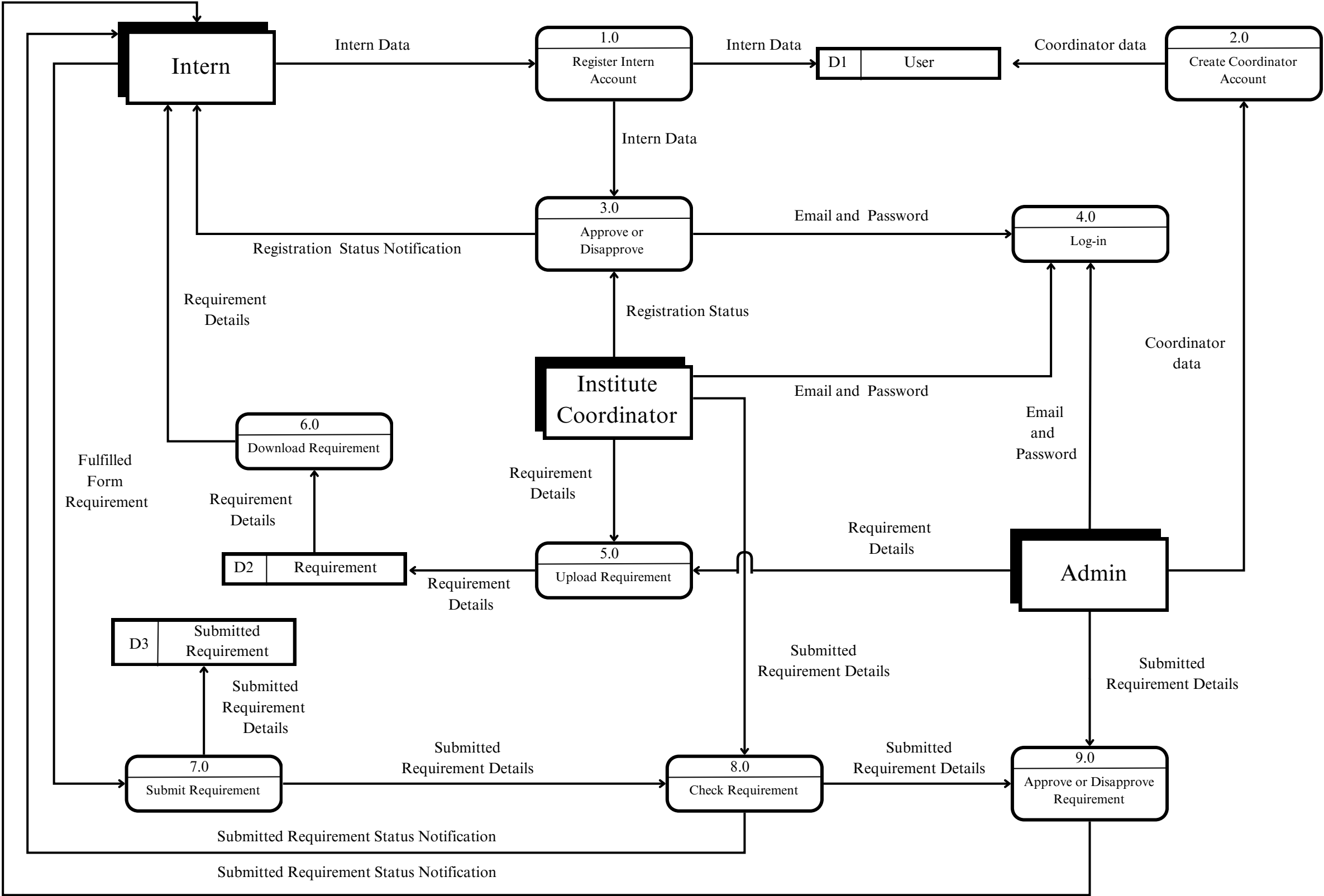
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DIAGRAM 0 FOR OJT MANAGEMENT AND RECORD
SYSTEM FOR TCGC



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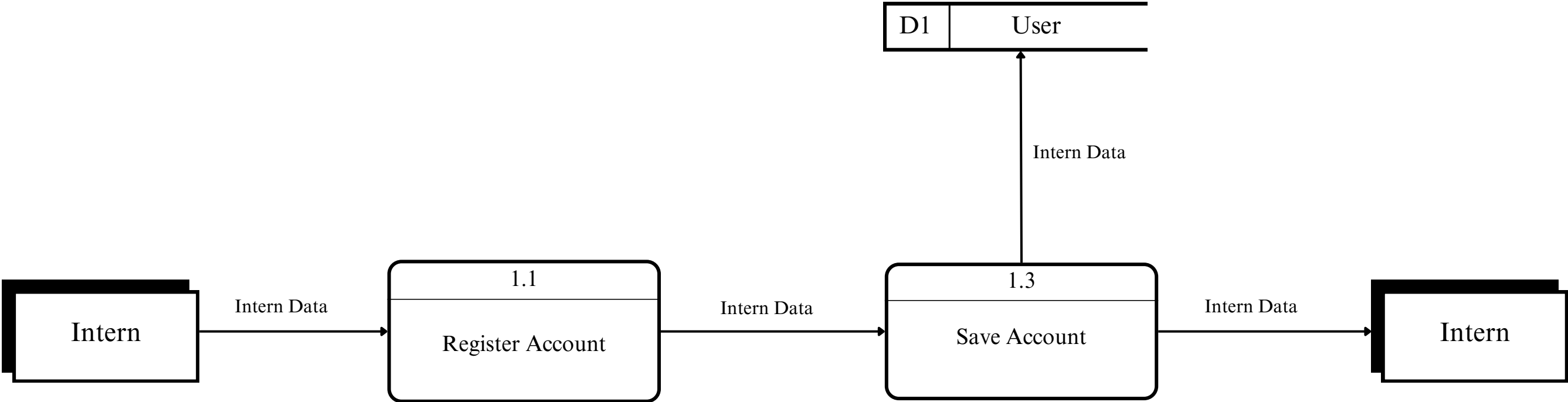
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DIAGRAM 1
DFD

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DIAGRAM 1 DFD FOR INTERN ACCOUNT REGISTRATION PROCESS 1.0



METHODOLOGY

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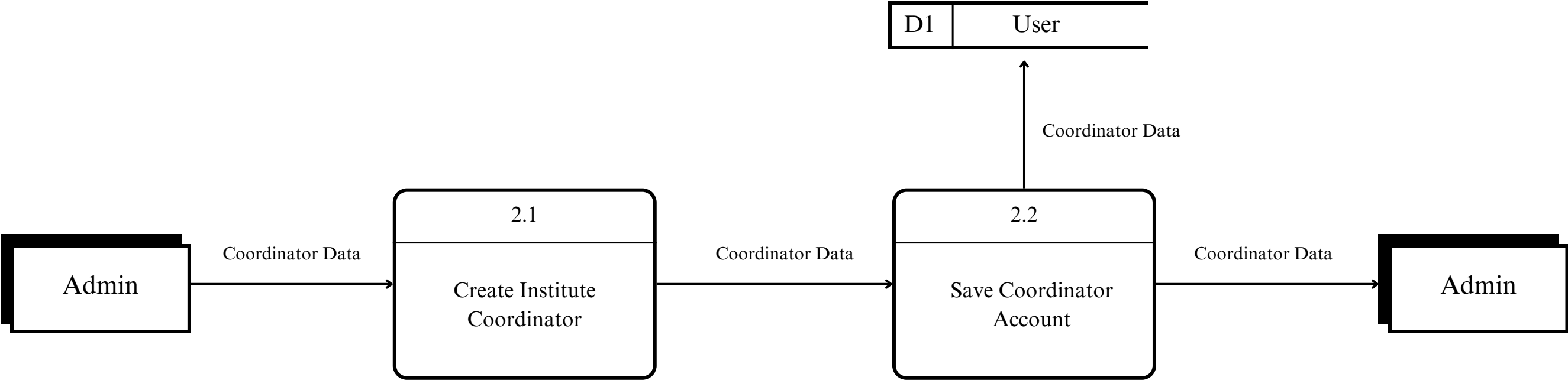
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DIAGRAM 2 DFD FOR CREATE ACCOUNT FOR INSTITUTE
COORDINATOR PROCESS 2.0



METHODOLOGY

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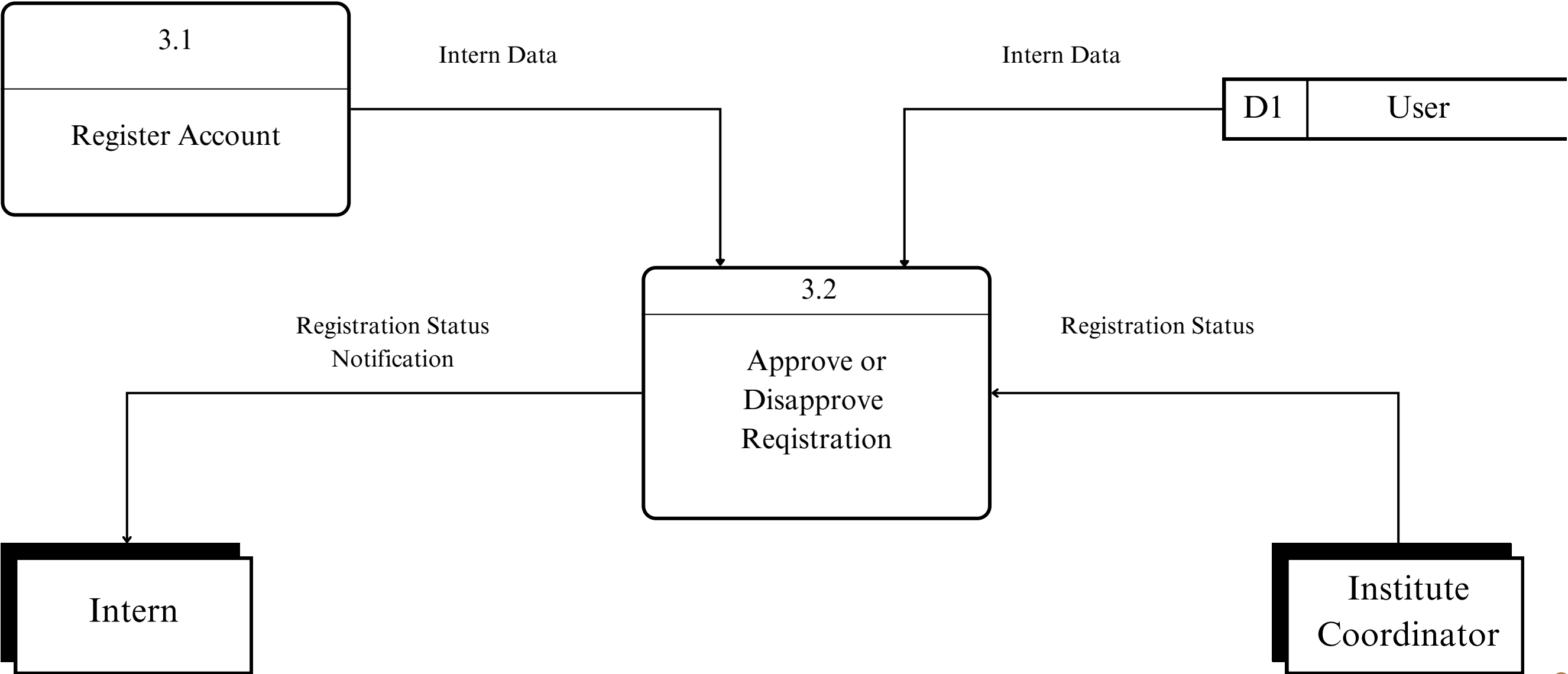
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DIAGRAM 3 DFD FOR APPROVE AND DISAPPROVE
REGISTRATION PROCESS 3.0



METHODOLOGY

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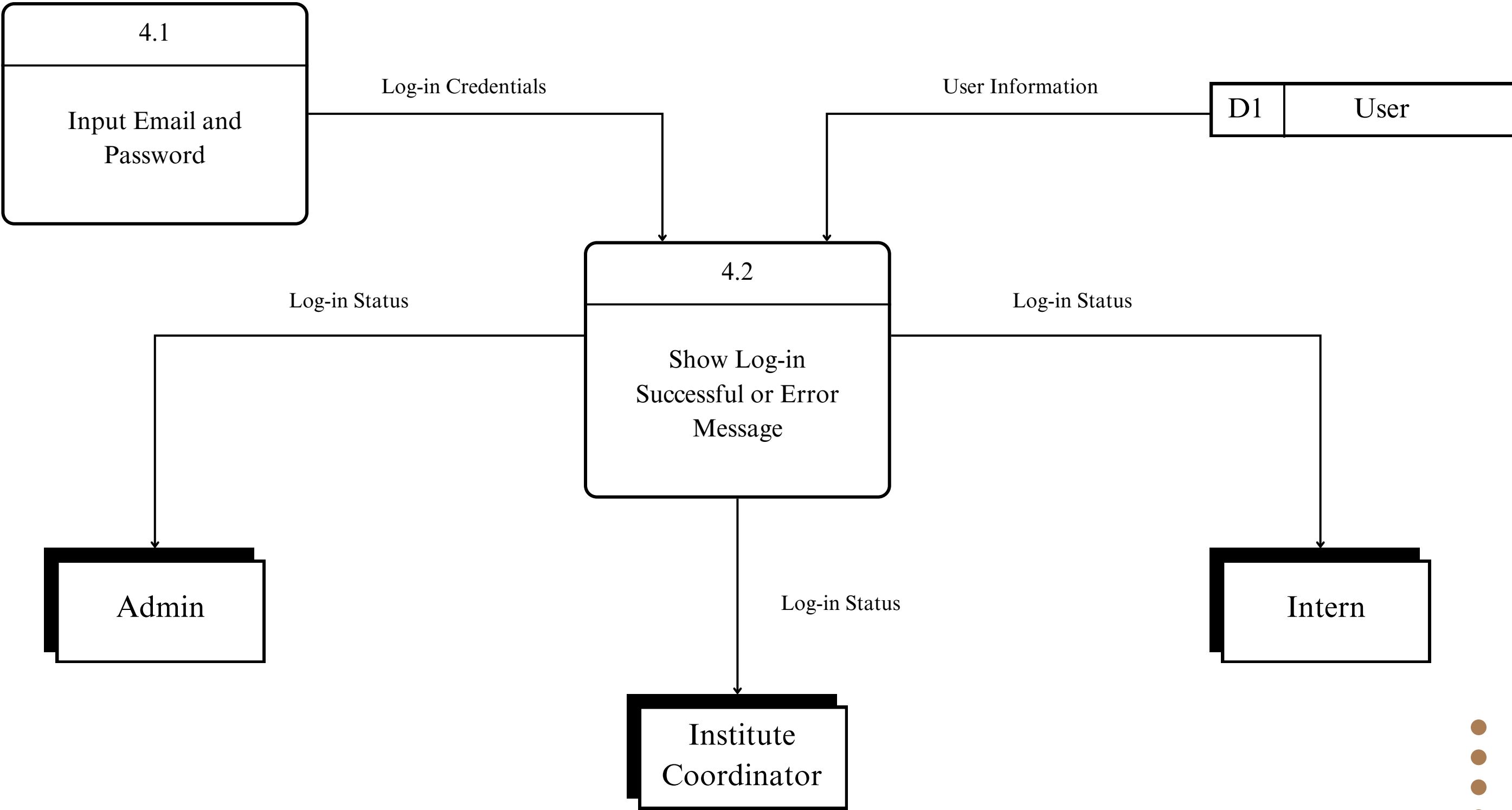
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DFD

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DIAGRAM

DIAGRAM 4 DFD FOR LOG-IN PROCESS 4.0



METHODOLOGY

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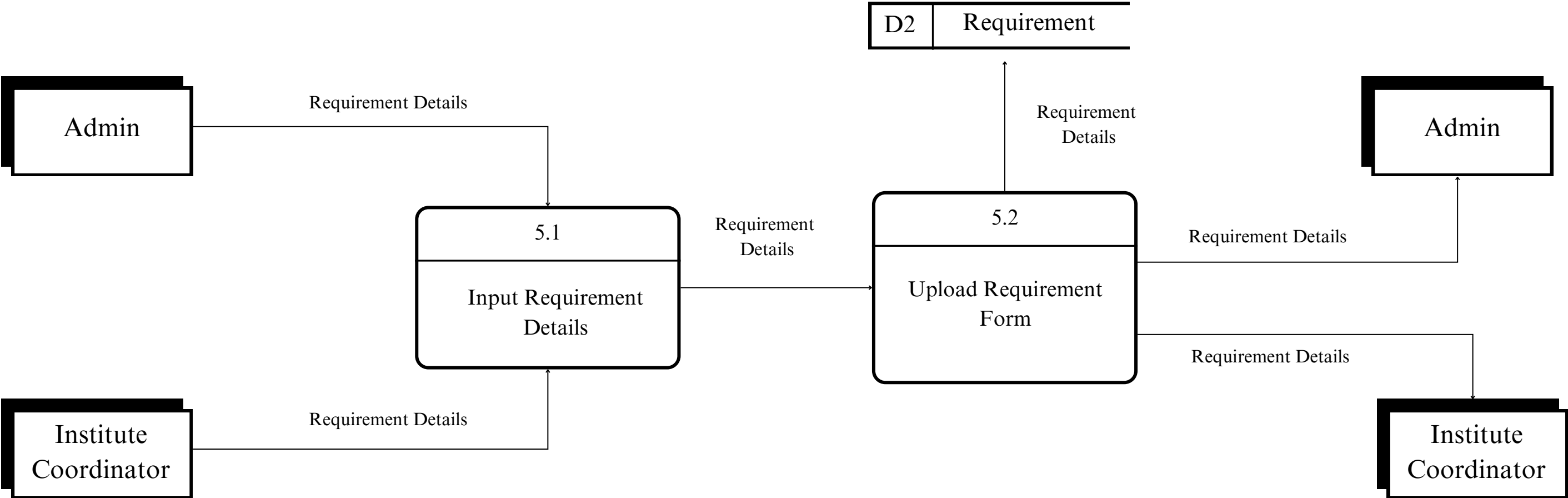
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DIAGRAM 5
DFD

USE CASE
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DIAGRAM 5 DFD FOR UPLOAD REQUIREMENTS PROCESS 5.0



METHODOLOGY

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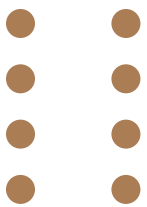
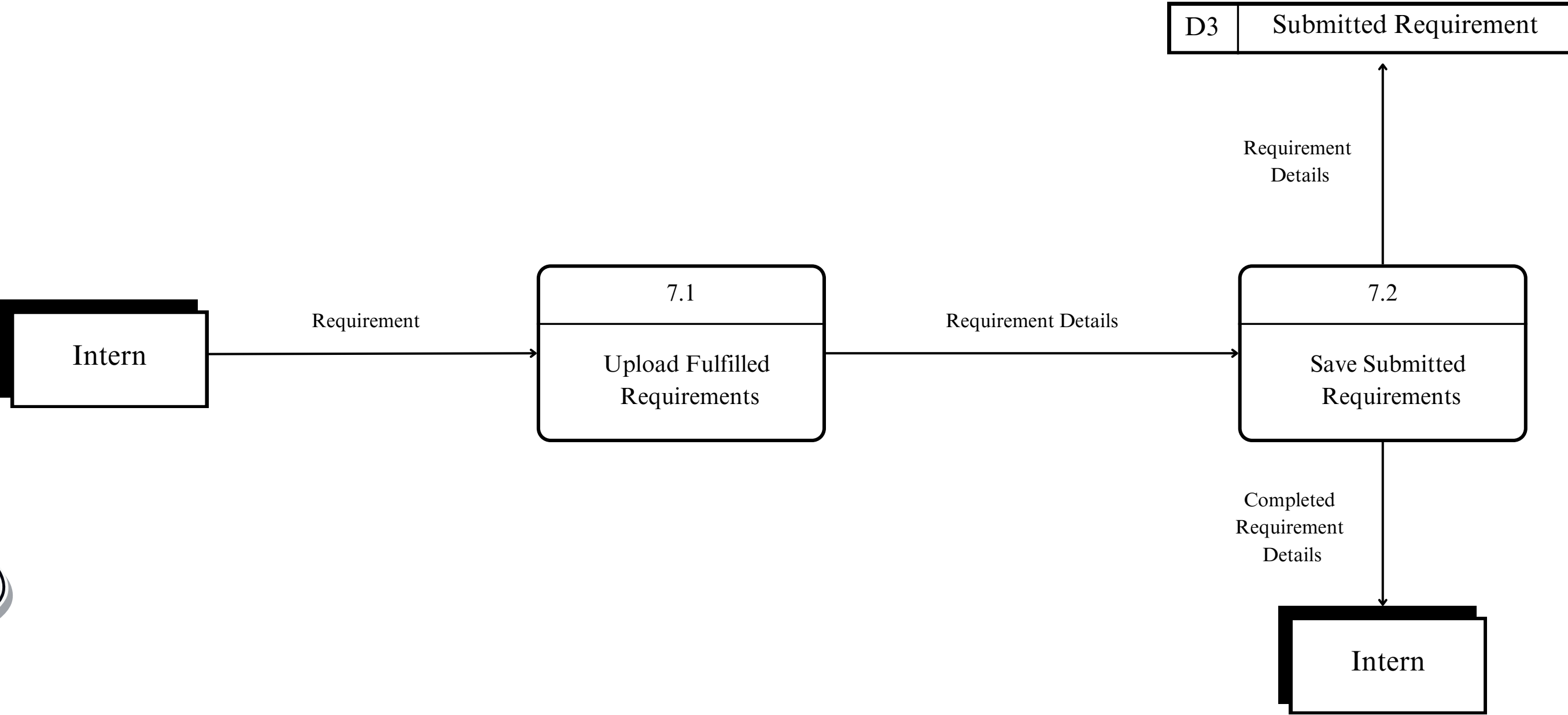
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DIAGRAM 6 DFD FOR SUBMISSION OF REQUIREMENT PROCESS 7.0



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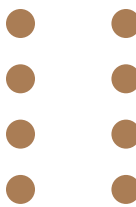
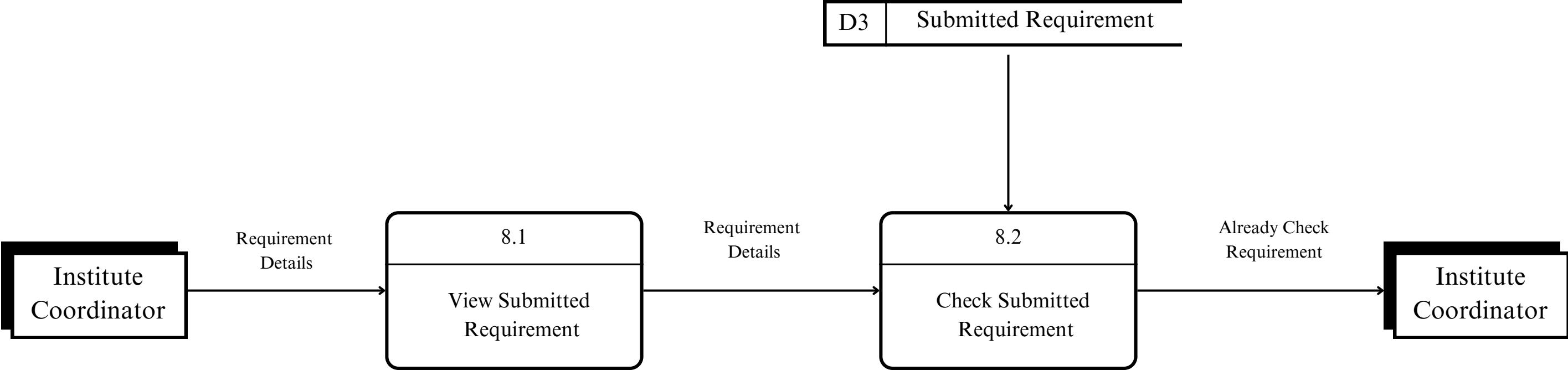
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DIAGRAM 7 DFD FOR CHECK REQUIREMENT PROCESS 8.0



METHODOLOGY

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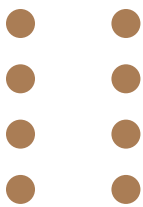
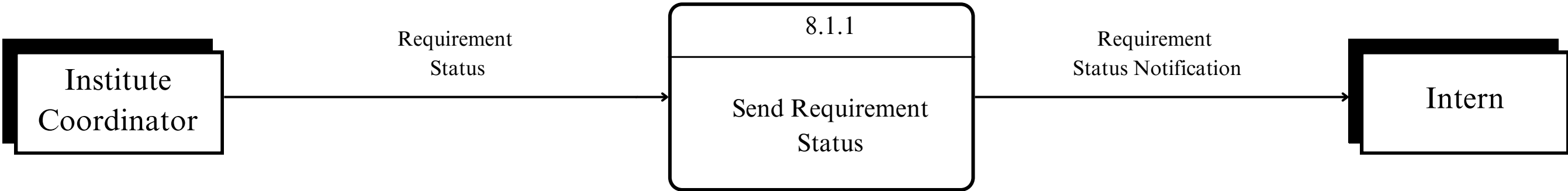
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DIAGRAM 8 DFD FOR CHECK REQUIREMENT STATUS
NOTIFICATION PROCESS 8.1.0



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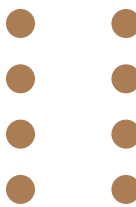
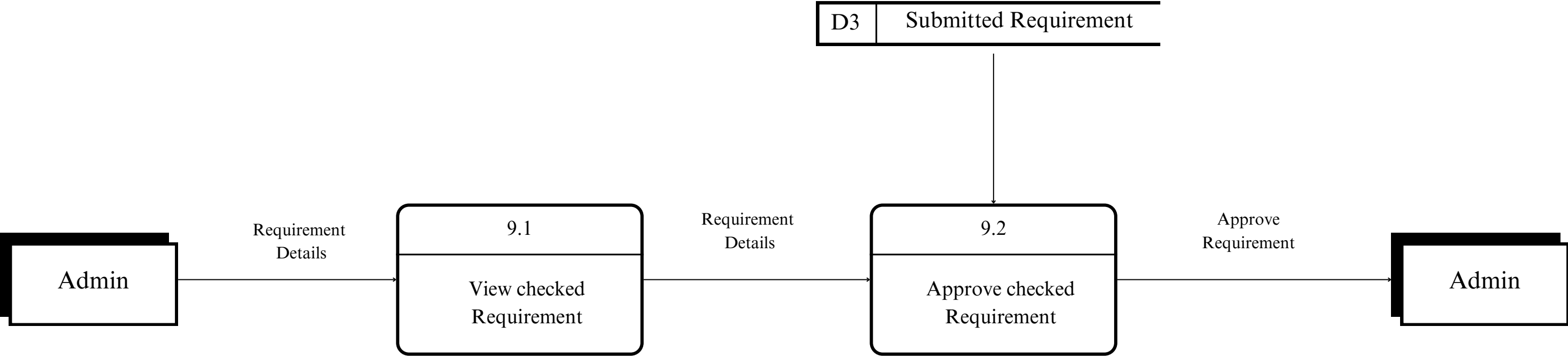
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DIAGRAM 9 DFD FOR APPROVE REQUIREMENT PROCESS 9.0



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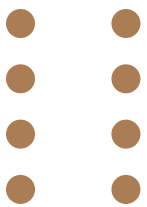
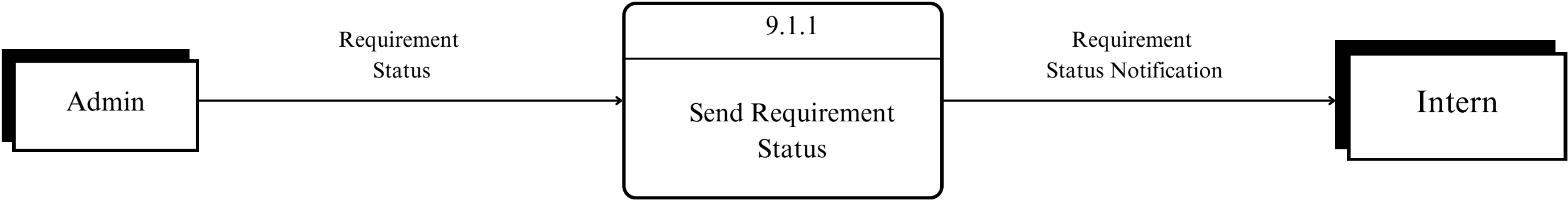
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DIAGRAM 10 DFD FOR APPROVE REQUIREMENT STATUS
NOTIFICATION PROCESS 9.1.0



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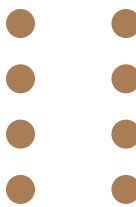
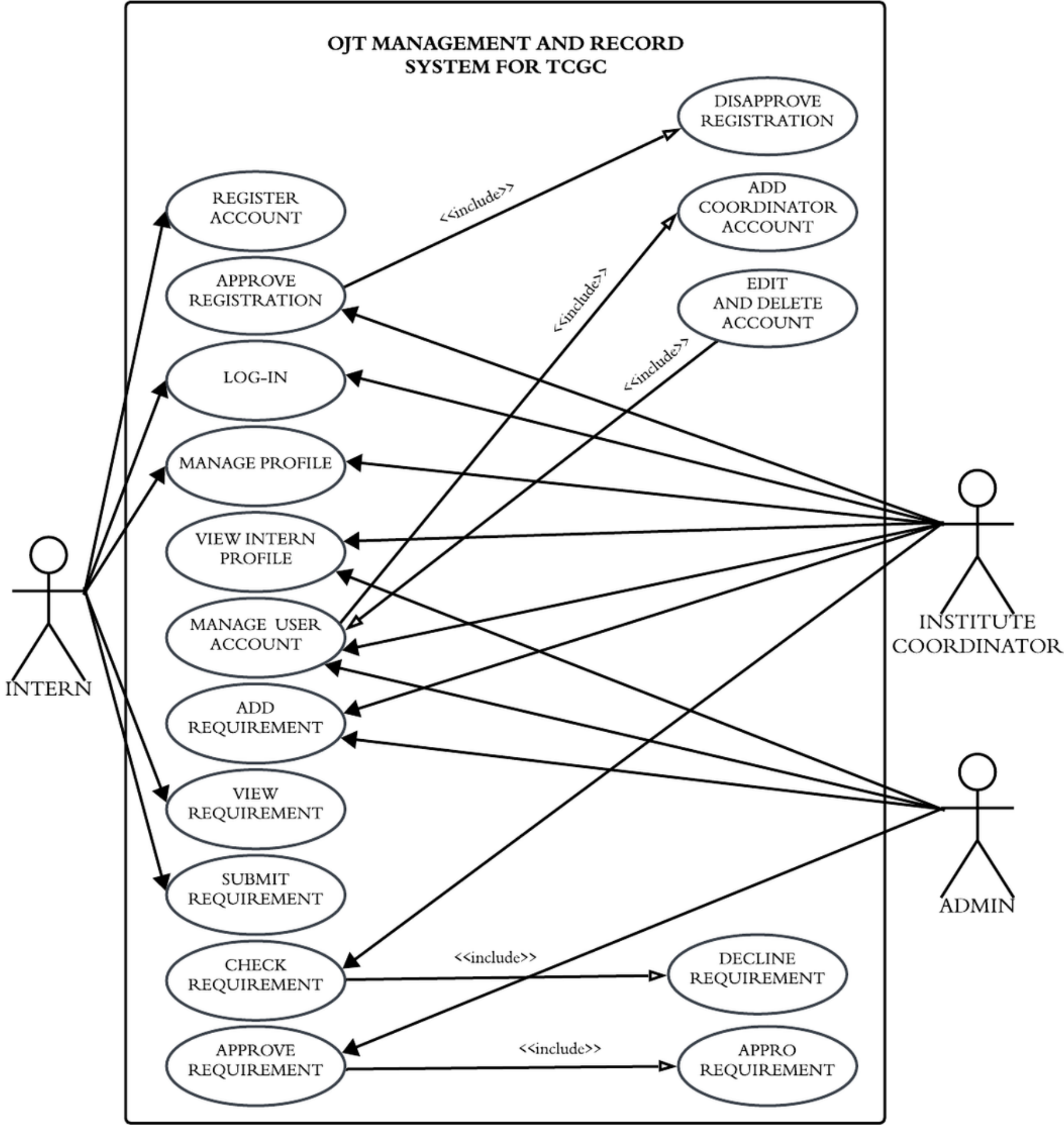
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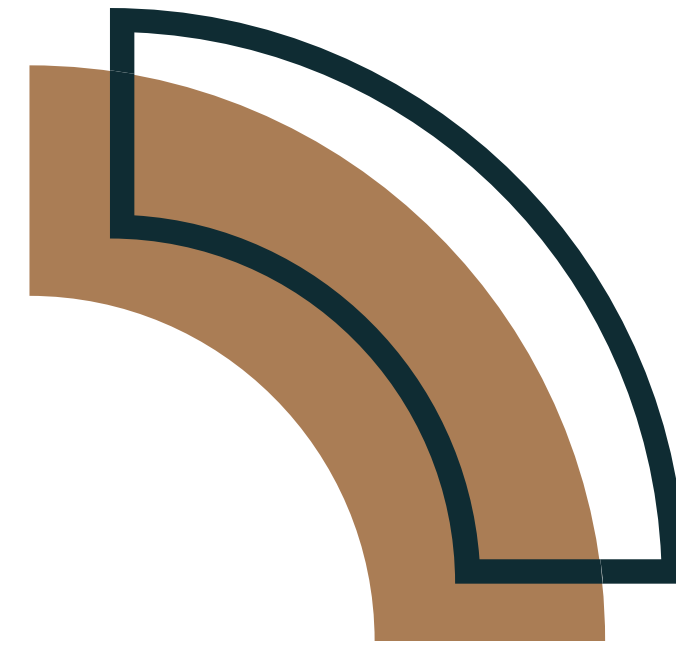
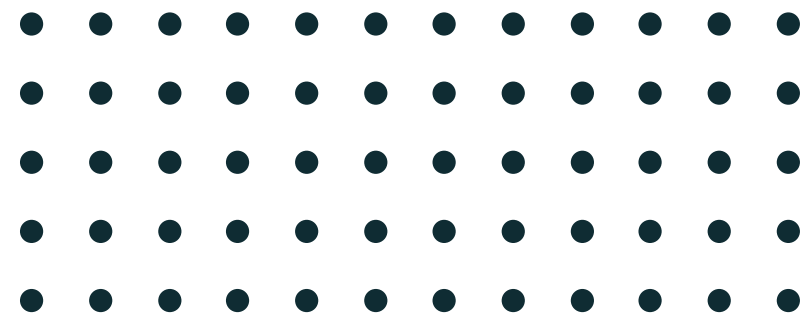
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**THANK
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