

# Arb-Flow Hospital Management System -

## Version 0.0.015 Feature & Changelog

### IPD Management Module (New!)

A comprehensive In-Patient Department system designed for seamless ward management. - **Visual Bed Management:** Interactive grid view of all beds, color-coded by status (Available, Occupied, Maintenance). - **Admission Workflow:** Streamlined admission process linked to patient registration. - **Active Patient Tracking:** detailed view of all currently admitted patients with their bed location and treating doctor. - **Clinical Rounding:** Add daily progress notes and vitals directly to the inpatient record. - **Discharge Management:** One-click discharge process that automatically frees up the bed and archives the admission history. - **Ward Filtering:** Easily filter beds by Ward/Room type (General, ICU, Private, etc.).

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### Recent Changelog (v2.1 Updates) - Release Notes

#### Design & Branding Overhaul

- **New Logo System:** Integrated the new **Arb-Flow** identity with a primary full logo and a medical symbol emblem.
- **Login Experience:** Redesigned login page with a modern **Glassmorphism** effect, split-screen layout, and high-contrast branding.
- **Doctor's Dashboard:** Added a direct **"IPD / Wards"** quick-access button for seamless transition between OPD and IPD.
- **Consistent Theming:** Unified color palette across all modules using the new Navy Blue & Teal brand colors.

#### Advanced PDF Reports

- **Professional Header:** Now features the **Full Brand Logo** and a refined "Online Medical Record" title.
- **Smart Layout:** Improved spacing and alignment for patient demographics and clinical data.
- **Watermark:** Added a high-quality, phantom-style watermark of the Arb-Flow logo for authenticity.
- **Developer Credit:** Subtle footer credit ("System Developed by ARBAZ GAZGE") added to generated reports.
- **Bug Fixes:** Resolved opacity rendering issues that caused text to appear washed out.

### System Enhancements

- **IPD Integration:** Added “IPD Nurse” role and dedicated navigation paths.
- **Cross-Module Navigation:** Doctors can now switch between OPD Consultation and IPD Wards with a single click.
- **Performance:** Optimized load times for bed grids and patient lists.
- **Security:** Enhanced role-based routing to ensure users land on their specific dashboards (e.g., Nurses -> IPD, Doctors -> Consultation).

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**Status:** IPD Module is Live. PDF Generation is Optimized. Branding is Consistent.